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PUBLISHED WEEKLY

The Organ of the Meat and Provision Industries of the U. S.

Vol. XXV

NEW YORK AND CHICAGO, JULY 13, 1901

No.

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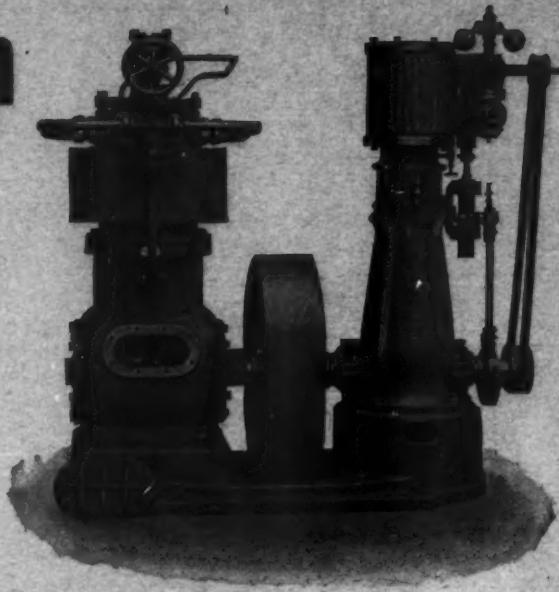
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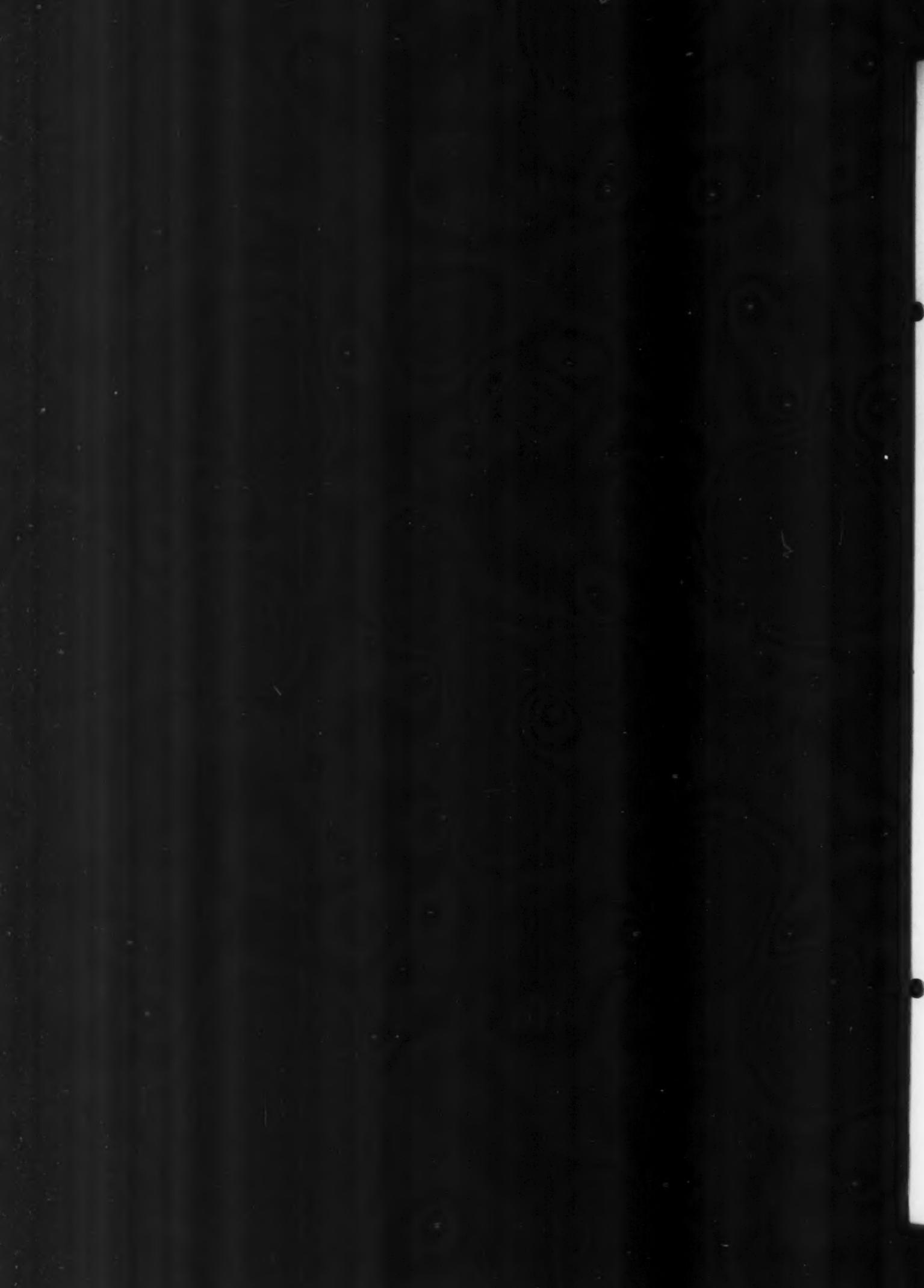
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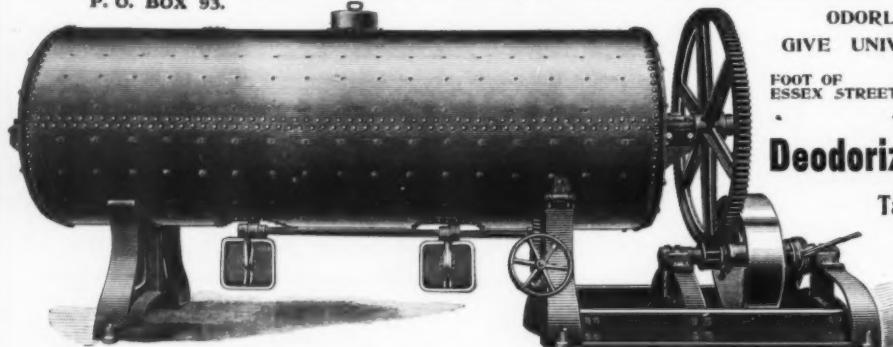
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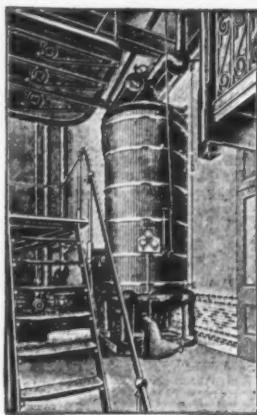
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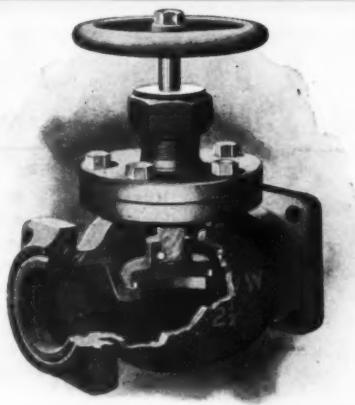
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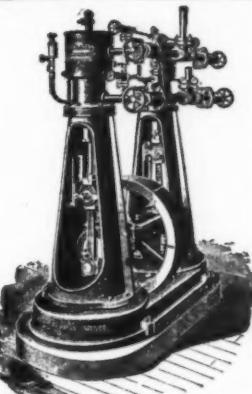


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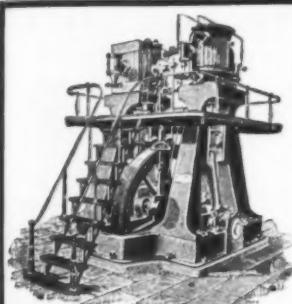
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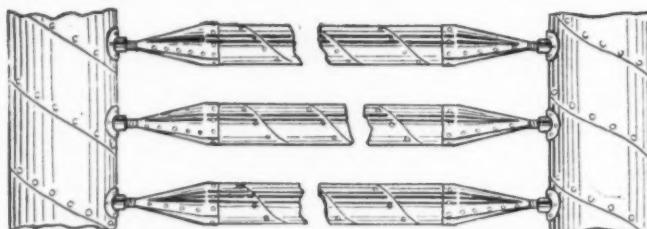
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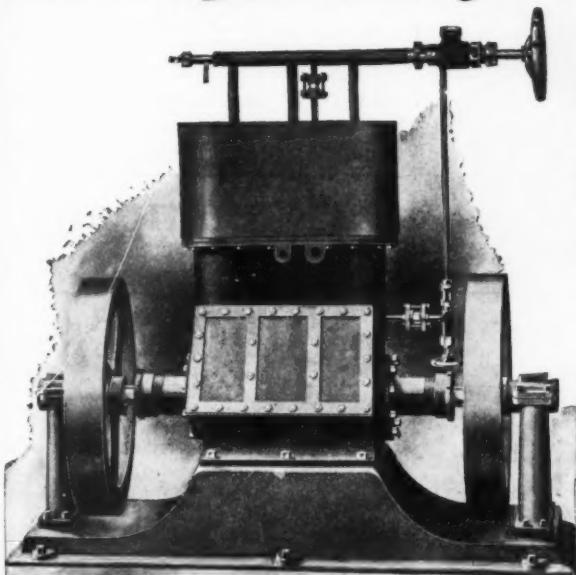
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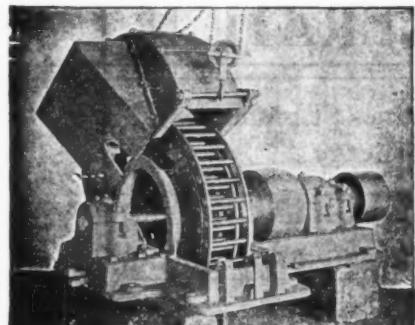
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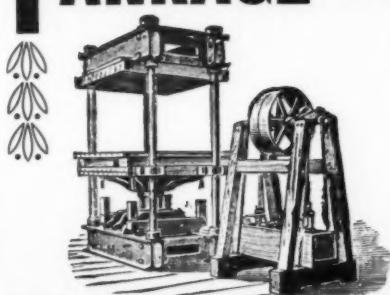
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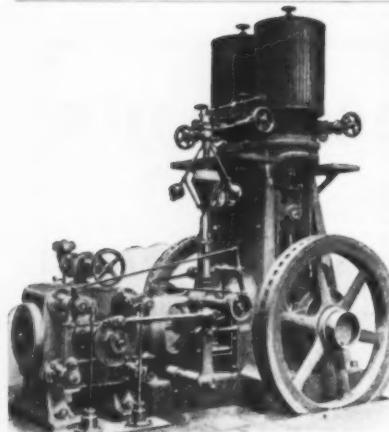
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ARTIFICIAL COMPLEXIONS

Mr. Cleveland's Secretary of Agriculture is not as enthusiastic over butter these latter days as is Mr. McKinley's Secretary of Agriculture.

Hon. J. Sterling Morton used to take pleasure in driving his journalistic fist into oleomargarine. Since he has seen more of the practical side of the "agitator" butter crowd right up there where everything has to have the cow smell to get through "The Conservative," Mr. Morton's paper, is pleased to change its faith and to say this about butterine:

The "Orange Judd Farmer," of June 8, contains a comment on the Grout bill which proposes a heavy tax upon "oleo" colored in imitation of butter" and commends the aforesaid paternal legislation for re-introduction at the next session of Congress.

The question of what "color" really imitates the complexion of normal butter is quite puzzling. Butter depends for color upon the food of the cows. It is white in winter and golden in summer. If "oleo" is white it is imitation of naturally colored, winter-made butter. If "oleo" is yellow it is like the butter made in June. Under the Grout law, as advocated by the "Orange Judd Farmer," can oleo of any color be sold at all without violating the statute?

Artificial Complexions

The dairy journals, and even ordinary agricultural periodicals, constantly advertise various compounds and concoctions for giving an artificial complexion to butter. One of these coloring substances is described as "fadeless" and entirely capable and efficient in giving the genuine "June tint" to butter.

By what sort of discriminating consciences are artificial coloring and complexion for butter made perfectly proper and right, and artificial coloring for "oleo" altogether improper and wrong? Why is it right for rancid butter, bought up by creameries, all over the west, to be chemically treated, colored and put upon the market as "the best Jersey," when it is wrong to place clean, wholesome and pure oleomargarine for sale alongside of it, if the same has been colored even by feeding carrots? Why has one product of the bovine a right to artificial complexion and another no right to such make-up? Why should the selfishness of dairymen be enacted into law any more than the selfishness of oleomargarine makers? Do the American people know enough to purchase the oleaginous substance they use for spreading on their bread? Can the people be injured by a

wholesome, cheaper and better substance than much of the chemically-treated butter, even if left free to buy it, in preference to butter, though it may have, like most butter, an artificial complexion?

Is not the sole object of the Grout bill to increase the price of butter by killing off the use of a competitor of butter called oleomargarine?

We said these exact things both editorially and before the committees in Congress during the last session.

We do not see how an ungreased, thinking, unbiased Congressman can see otherwise. We welcome the "Conservative" to the bandwagon.

We think that if some Congressmen would put their thinking apparatus in a separator and have their reason disengaged from a lot of falsity which clouds it they would win back, in the thinking mind, the belief that they are "intelligent fellow citizens," and not simply talking for local favor or grubbing for votes.

We believe that some day the insincerity and absolute unscrupulousness of those "butter advocates" who are leading the campaign against butterine will be seen and resented by the better people in and outside of the produce butter selling interests.

A VALUABLE FERTILIZER

"Northern capital and southern enterprise are rebuilding the South," an Atlanta business man said to us the other day. It seems true in many ways.

Not many years ago the cottonseed had no place except in the ground as seed or fertilizer, or in an animal's stomach for green food. During the blockade of Charleston it was made into an abominable tea and prescribed for fever. It was effective to a degree as an anti-malarial agent. In those days the South threw away everything. Now an attempt is made to save everything. In the case of the cottonseed the pursuit of the by-product is as persistent and as assiduous as it is with the American hog.

One of the most expensive by-products is the ash of the cottonseed hull. When the distant mill has burned its cottonseed hulls for fuel the ashes are carefully saved and shipped away north to the State of Connecticut, where they are used at \$45 per ton as a tobacco fertilizer. The above price is at the rate of 2c. per pound above the price of German potash salts, yet the "Nutmeg" State tobacco lands seem to thrive better on this cottonseed hull ash from the seed-mill furnaces down in Dixie. The tobacco plant is a glutton when it comes to eating the potash and nitrogen from the soil. For instance, a crop of 1,800 pounds of cured tobacco leaf per acre of ground takes in the neighborhood of 150 pounds of actual potash and 100 pounds of nitrogen from the soil. Inasmuch as the tobacco crops are grown on lands which are naturally sterile in this respect these ingredients must be supplied each year.

The cottonseed oil mill is constantly "breaking out in some new place," and the end is not yet. The little cottonseed is an industrial miracle.

DISCRIMINATING LEGISLATION

The reason for taxing one line of trade while gently lifting this burden from another cannot be explained except upon the ground of favoritism.

We used to excuse the taxes on spirits, tobaccos and other articles not necessary for food on the ground that they were luxuries.

During the recent war times we shifted our base of taxation, and then got up the excuses for them. Now that peace is in sight those who most persistently and most strenuously dodged the war taxes and who were not seriously disturbed in their tax evasion have succeeded in having their war taxes repealed by Congress. They ceased dodging on July 1, and the mediums of distribution are an important auxiliary to it.

Live stock are not a luxury. Stock are a food necessity, and the live stock exchanges are necessary to their proper handling. Yet the war tax remains upon the machinery which handles our herds and flocks, while the vendors of many luxuries and their agents and brokers escape the war tax burdens. Why so? The livestock men are kicking, and they have a right to kick.

The National Livestock Exchange has decided to test the present law which requires a 2c. stamp on every transaction. It seems that there was really no intention to tax the live stock commission men. This tax slipped through by some clerical error, and it was not noticed.

THE DATE OF THE PAPER IS THE DATE OF DELIVERY

The decision of the Treasury that the stamp tax attaches from the delivery of the instrument and that the date of delivery is the date of the instrument is a most important war tax ruling in view of the fact that the war stamp tax ceased on a large number of articles on Monday, July 1. It had got to be a practice in certain quarters to affix the stamp only when the instrument upon which it was due was delivered. This was inconsequential so long as the stamp act was in force as the stamp would eventually be affixed and the government get its revenue from the instrument.

Now that the war stamp tax act has been repealed on articles which, heretofore paid \$40,000,000 per year to the Treasury and that act went into effect this week it was necessary to fix the status of these dated, but unstamped documents, etc. The Treasury has ruled that the date of the document or paper is the constructive date of its delivery for the purposes of revenue.

The status of bonded stuffs comes under a different category; has been fixed time and again over and is, therefore, settled. The status of goods in transit on ordinary bills of lading and not shipped in bond, and of certain other papers is not yet passed upon.

It has been the tradition of the Treasury to make the liberality of its constructions in favor of the government. There are odd cases in which alleged favoritism is shown, but the general trend of this Department of our general government has been to give the presumptions against the citizen.

A lot of dated, signed, but unstamped documents will wake up this week to find that they have slept ineffectually, if their dormant state has been occasioned by a desire to wake up after July 1 and still live without the war stamp upon their face.

The date of the document is the date of delivery. If that date is before July 1, 1901, the document or thing must make its contribution to the expenses of the Spanish and the Philippine wars. The Treasury has so decided and that is the law.

RETURN TO PHILADELPHIA

Dealers in oleomargarine are re-opening their establishments in Philadelphia, pending tests of the constitutionality of the restricting law passed last winter. A number of licenses have been taken out by wholesalers and preparations are being made to fight the present unjust law to the last extreme.

TO REPRESENT PACKERS AT ANTWERP

The National Provisioner has information that a business man in Antwerp desires to represent an American packing concern which at present has no agency there. Any letters addressed to us will be forwarded to him. Address the letters to "Antwerp," care The National Provisioner, 150 Nassau St., New York City, N. Y.

FEED CROPS IN FRANCE

Paris, July 11.—The Agricultural Department reports that the conditions of winter wheat are very good in one department, good in twenty-eight and fair in fifty-five departments. Spring wheat is good in five departments, fair in thirty-two and middling in six departments.

CROPS DAMAGED IN KANSAS

Topeka, Kas., July 11.—Government stations in Kansas report as follows regarding their maximum temperatures to-day: Kansas City, 103; Baker, 102; Concordia, 102; Dodge City, 98; Dresden, 106; Fort Scott, 108; Hays City, 106; Macksville, 101; Manhattan, 106; McPherson, 107; Osage City, 106; Sedan, 105; Wichita, 102; Topeka, 102.

The wind has been blowing at the rate of fourteen miles an hour from the southwest, but it was so dry that it had a blighting effect on the crops, and corn is in much worse condition than yesterday.

Reports received here to-night indicate that in no county in the State are the crops damaged less than 50 per cent. in many counties much more than 50 per cent. would be necessary to cover the estimated damage.

Bourbon, Allen, Franklin and Miami counties report almost a total loss of the corn crop. Alfalfa is about the only product standing the dry period well. It is generally conceded that this is the worst drought since 1860 in Kansas, but it will not entail nearly so much suffering as in past years.

CROPS IN SPAIN

Severe rain storms have greatly damaged the crops in the Valladolid and other districts of Spain. In many places the crops have been virtually destroyed.

FAVOR CANADIAN CATTLE

The Norfolk (England) Chamber of Agriculture has passed the following resolution:

"The Norfolk Chamber of Agriculture protests against the continued exclusion of Canadian store cattle from Great Britain as most unjust to the grazing interest, and prays the Government to remove the restrictions at an early date and to allow these animals to be landed for fattening by British farmers. In the opinion of the Norfolk Chamber of Agriculture Canadian stores are among the most healthy cattle ever fattened in Norfolk, and in view of the complete immunity from all serious contagious diseases of the flocks and herds of Canada there is no reason for their continued exclusion from this country."

BORAX AND THE HUMAN SYSTEM

BY F. W. TUNNICLIFFE, M.D. M.R.C.P.,

Professor of *Materia Medica and Pharmacology*, in King's College, London;

AND OTTO ROSENHEIM, PH.D., F.C.S.

(Continued from July 6.)

Observation I. Child A.

The child was a healthy boy, aged 2 1/2 years, weighed 15.3 kilos, and remained in good health throughout the whole observation. He consumed daily as follows: 200 g. of bread, 550 c.c. of milk, 20 g. of butter, 30 g. of meat, 50 g. of apple compote, 10 g. of sugar, 50 c.c. of water, 5 g. of toffee. This diet was very well taken and adhered to throughout the experiment. The whole observation extended over twenty-five days, eight days being taken as a fore period, and five days as an after period. The intermediate period of twelve days consisted of a boric acid period of seven days and a borax period of five days. The pure substances, boric acid or borax as the case may be, were added to 500 c.c. of the daily milk early in the morning and were administered as shown in the following table:

Boric Acid Period.

3 days: 0.5 g. per diem = 1 in 1000 in Milk = 1 in 1800 in total Food and Drink.
3 days: 0.06 g. per diem = 1 in 700 in Milk = 1 in 1370 in total Food and Drink.
1 day: 1 g. per diem = 1 in 500 in Milk = 1 in 900 in total Food and Drink.

Borax Period.

5 days: 1.5 g. per diem = 1 in 330 in Milk = 1 in 600 in total Food and Drink.

It may be noted here that the maximum medicinal dose for this child would be 0.2 g. of boric acid and 0.27 g. of borax, also that the quantities given are greatly in excess of those required for the preservation of milk.

The analytical results obtained throughout the observation are recorded in Table II., pp. 176-7.

Referring to the tables and curves relating to child A, we purpose classifying our remarks under the following headings:

Nitrogen Metabolism

In the fore period the daily quantity of nitrogen taken in the food was 6.99 g., of which 0.65 g. were not assimilated, being lost with the faeces, corresponding to 9.3 per cent. The assimilation of nitrogen in the fore period amounted therefore to 90.70 per cent.

With the urine 4.88 g. of nitrogen were excreted, and if this amount be subtracted from the amount assimilated we obtain a daily balance of plus 1.45 g. nitrogen.

To avoid repetition we give the results with regard to the nitrogen balance and assimilation during the different periods in tabular form:

Nitrogen in Food.....	6.99	Boric acid period	6.29
" Urine.....	4.88	" Faeces.....	5.41
" Faeces.....	0.65		0.62
Balance.....	+1.45		+0.29
Assimilation per cent.....	90.70		90.14
Nitrogen per cent. in dry Faeces.....	6.0		5.7

From these results we are justified in concluding that neither boric acid nor borax exerts any influence upon the assimilation of proteids. The tendency of the body to reach nitrogenous equilibrium is clearly shown in the balance figures. From the amount of nitrogen excreted in the

urine during the respective periods we may perhaps draw the conclusion that boric acid in this instance tends slightly to increase and borax slightly to inhibit protein katabolism.

Phosphorus Metabolism

The daily average quantity of phosphorus in the food during the fore period was 0.77 g., of which 0.2359 g. were lost, being excreted with the faeces. Phosphorus was therefore assimilated to the extent of 69.36 per cent. The relative excretion, etc., of phosphorus in the four periods we give in tabular form:

Phosphorus in Food.....	0.77	After	0.80
" Urine.....	0.3704	Borax period	0.4515
" Faeces.....	0.2359		0.2315
Balance.....	+0.17		+0.12
Assimilation per cent.....	69.36		71.06
Phosphorus per cent. in dry Faeces.....	2.2		2.1

These figures show that the phosphorus metabolism was not affected by boric acid and borax. The assimilation of phosphorus was, if anything, improved during the drug periods.

Fat Assimilation

The daily quantity of fat in the food during the fore period was 35.53 g. The fat excreted with the faeces was 2.42 grammes. The assimilation therefore amounted to 93.19 per cent. These results and those of the following periods are recorded in tabular form as follows:

Fat in Food.....	35.53	After	39.00
Fat in Faeces.....	2.42	Borax period	1.89
Fat balance.....	+33.10		2.14
Assimilation, per cent.....	93.19	+34.61	+37.11
Fat in dry Faeces, per cent.....	23.0	92.87	95.19

The specific gravity diminished as the volume increased.

The reaction alternating between acid and amphoteric (litmus) during the fore period remained constantly amphoteric during the boric acid period and constantly acid during the borax period.

The quantity of faeces remained practically unaltered with the exception of the borax period, in which the average daily quantity is slightly decreased.

The increase in uric acid is too slight to permit of any conclusions being drawn from it.

The quantity of total sulphuric acid increased slightly in the boric acid period, indicating with the slight increase of nitrogen in the urine a tendency to stimulate protein katabolism.

The ethereal sulphates were slightly increased during both periods to an equal

	Fore period	period	Borax period	After
0.77	0.80	0.81	0.80	
0.3704	0.4515	0.4272	0.5045	
0.2359	0.2315	0.2048	0.2613	
+0.17	+0.12	+0.18	+0.04	
69.36	71.06	74.82	67.34	
2.2	2.1	2.2	2.4	

extent. Intestinal putrefaction was therefore certainly not diminished by either substance, as was also shown by the comparative indoxyl-reactions.

The boric acid could easily be demonstrated in the urine on the first day of its administration and disappeared completely in the course of the second day of the after period. These results show clearly that both boric acid and borax are rapidly eliminated from the body, and confirm the results of previous workers.

During the boric acid and borax periods the child gained in weight.

The results relevant to the observations made above are summarized in Table II. a.

Table II. a.

	Nitrogen assimilation, %	% N. of dry faeces	Phosphorus assimilation, %	% P. of dry faeces	Fat assimilation, %	% Fat of dry faeces	A* B	N† SO ₃
Fore period ..	90.70	6.0	69.36	2.2	93.19	23.0	20.2	5.2
Boric acid period ..	90.14	5.7	71.06	2.1	92.87	24.3	17.6	5.2
Borax period ..	90.48	6.5	74.82	2.2	95.19	20.8	14.4	5.3
After period ..	88.56	6.5	67.34	2.4	94.87	19.5	17.1	5.1

* A Inorganic SO₃B Ethereal SO₃

† N Nitrogen of Urine

SO₃ = SO₃ of Urine

Observation II. Child B.

SHEEP RULE IN FRANCE

Two French Customs Circulars, dated the 19th April and 8th May, respectively, relative to the importation into France of sheep from Algeria and Tunis make it imperative that after 1st May, 1902, sheep imported from Tunis must have been inoculated for at least a month before shipment. Those imported from and after 15th May last, if not inoculated, must be washed, prior to shipment, by immersion in the sea or in an alkaline solution. Sheep from Algeria, even though not inoculated, will continue to be admitted into France up to 1st of May, 1902, if washed in the same manner.

The chief remaining points of interest brought out by this observation are as follows:

The quantity of urine underwent slight variations during the drug periods in the direction of an increase. The increase was more marked during the boric acid period.

July 13, 1901.

STOCKS OF PROVISIONS

CHICAGO

Following were the stocks of provisions on hand in Chicago, Ill., at the close of business, June 29, as reported to the Board of Trade, and attested by G. F. Stone, secretary:

	June 30, 1901.	June 30, 1900.
M. Pork, new, made since Oct. 1, '00, bbls.....	62,083	43,167
M. Pork, made Oct. 1, '00 to Oct. 1, '00.....	986	32,880
Mess Pork, win. p'd, (old) '98-99.....	...	...
Other kinds bbl'd. Pork....	34,722	18,104
P. S. Lard, made since Oct. 1, 1900, tcs.....	47,103	108,480
P. S. Lard made Oct. 1, '99 to Oct. 1, '00.....	...	11,744
P. S. Lard, made previous to Oct. 1, '99.....	...	...
Other kinds of Lard.....	8,408	17,792
*Short Rib Middles, made since Oct. 1, 1900, lbs...22,200,213	18,007,825	
Short Rib Middles, made previous to Oct. 1, '00, lbs.....	...	...
Short Clear Middles, lbs...1,322,184	601,651	
*Extra Short Rib Middles, made since Oct. 1, '00, lbs 2,489,884	1,765,236	
*Extra short Rib Middles...6,649,140	5,787,180	
Long Clear Middles, lbs...335,220	361,037	
Dry Salted Shoulders, lbs...857,885	1,284,374	
Swt. Pickled Shoulders, lbs...2,863,115	2,700,612	
Swt. Pickled Hams, lbs...34,200,743	37,501,260	
Dry Salted Bellies, lbs...12,129,472	10,915,751	
Swt. Pickled Bellies, lbs...13,415,754	7,301,007	
S. P. Cal. or Pic. Hams, lbs...8,150,068	9,623,095	
S. P. Boston Shoulders, lbs...2,649,457	2,636,925	
S. P. Skinned Hams, lbs...12,222,100	10,356,278	
Other cuts of Meats, lbs...16,675,648	16,171,097	

*New season packing, reported separately for the first time Oct. 31, 1899.

(Formerly included under head of "Other Cuts of Meats.")

Average weight of hogs received June, 231; June, 1900, 228; June, 1899, 236.

SOUTH ST. JOSEPH

Following were the stocks of provisions on hand in South St. Joseph, Mo., at the close of business June 29, as reported to the Stock Yards Daily Journal:

	June 29, 1901.	June 30, 1900.
Mess Pork, win p'd (new).		
Oct. 1, '900, bbls.....	...	...
Mess Pork (old) made before Oct. 1, 1900, bbls.....	...	...
Irregular mess pork, bbls..	...	...
Other kind of bbl'd pork, bbls.....	116	35
P. S. lard in storage tanks and tierces, made since Oct. 1, 1900, tierces.....	5,900	2,163
P. S. lard made from Oct. 1, '99 to Oct. 1, '00, tcs...1,542	...	...
P. S. lard made previous to Oct. 1, '99, tcs...1,076	...	...
Other kind of lard, tcs...1,076	...	...
Short rib mid. and rough or back bone—Short rib mid. made since Oct. 1, '99, lbs...10,020,638	4,931,319	
Short rib mid. and rough or back bone—Short rib mid. made since Oct. 1, '99, lbs...2,635	4,280,483	2,895,546
Extra short clear middles made since Oct. 1, '99, lbs...1,574,671	2,104,692	
Extra short clear middles, made prev. to Oct. 1, '99, lbs...222,907	488,437	
Long clear middles, lbs...1,715,688	1,016,786	
Dry salt shoulders, lbs...7,923,194	7,772,712	
Sweet pickled hams, lbs...677,036	350,893	
Sweet pickled shoulders, lbs...2,004,855	2,985,642	
Dry salted bellies, lbs...3,730,101	2,244,382	
S. P. Cal. or Pic. hams, lbs...1,382,576	1,353,065	
S. P. Boston shoulders, lbs...345,023	318,758	
S. P. skinned hams, lbs...1,315,920	880,657	
Other cuts of meats, lbs...4,070,553	2,617,005	

KANSAS CITY

Following were the stocks of provisions on hand in Kansas City, Mo., at the close of business June 29, as reported to the Board of Trade, and attested by E. B. Bigelow, secretary:

	June 30, '01.	June 30, '00.
Mess pork, bbls.....	30	307
Other kinds pork, bbls. 5,660	3,214	
P. S. lard 'contract,' tcs. 4,349	1,712	
Other kinds lard, tcs. 7,579	10,085	
Short rib middles, lbs...10,932,897	6,452,100	
Short cl'r middles, lbs. 4,389,287	1,063,500	
Extra S.C. Middles, lbs...6,613,958	5,423,700	
Long cl'r mid'les, lbs. 10,348	161,000	
Dry salt shoulders....2,197,820	3,303,700	
D.S. bellies, lbs....4,113,918	3,510,000	
S.P. shoulders, lbs....1,300,725	478,000	
S.P. hams, lbs....17,184,320	13,058,340	
S.P. bellies, lbs....6,680,576	5,136,900	
S.P. Cal. hams, lbs...4,304,846	3,715,200	
S.P. skin'd hams, lbs. 3,037,005	2,909,730	
Other cut meat, lbs...9,845,579	9,714,000	

Live Hogs

	June, 1901.	June, 1900.
Received	329,540	306,692
Shipped	14,775	44,687
Driven Out	317,227	262,341
Average Weight.....	205	213

MILWAUKEE

Following were the stocks of provisions on hand in Milwaukee, Wis., at the close of business June 29, as reported to the Chamber of Commerce:

	June 30, 1901.	June 30, 1900.
Mess Pork, win. p'd (new). 5,793	4,577	
Mess Pork, win. p'd (old)....	...	...
Mess Pork, win. p'd, bbls...1,311	...	
Other kinds bbl'd. Pork, bbls. 3,774	4,071	
Prime Steam Lard, Con., tcs. 1,226	6,039	
Other kinds Lard, tcs.....539	1,644	
Short Rib Middles, lbs...1,884,714	1,766,217	
Short Clear Middles, lbs...470,503	853,183	
Ex. Short Clear Middles, lbs...155,816	205,540	
Long Clear Middles, lbs...7,760	118,891	
Dry Salted Shoulders, lbs...251,024	97,002	
Sweet P'k'd Shoulders, lbs...410,140	420,050	
Sweet P'k'd Hams, lbs...3,087,900	3,730,200	
Dry Salted Bellies, lbs...1,958,905	2,227,216	
Sweet P'k'd Bellies, lbs...310,870	533,300	
S. P. Cal. or Pic. Hams, lbs...575,000	909,345	
S. P. Boston Shoulders, lbs. ....	...

STOCKS OF LARD

The following estimates of the stocks of lard at the close of business, July 1,

S. P. Skinned Hams, lbs...531,900	368,400
Other cuts of Meats, lbs...4,470,523	4,687,611
Ex. Short Rib Middles, lbs. 327,762	500,000

SOUTH OMAHA

Following were the stocks of provisions on hand in South Omaha, Neb., at the close of business, June 29, as reported to the Omaha Board of Trade, and attested by L. C. Harding, secretary:

	June 29, 1901.	June 30, 1900.
Mess Pork, bbls.....114	14	
Other kinds bbl'd Pork....487	1,365	
P. S. Lard "Contract" tcs. 3,217	3,932	
Other kinds Lard, tcs.....2,453	1,336	
Short Rib Middles, lbs...6,853,816	3,110,261	
Short Clear Middles, lbs...1,647,880	1,881,351	
Ex. Short Clear Mid., lbs...3,405,860	7,522,298	
Ex. Short Rib Mid., lbs...4,216,575	5,241,348	
Long Clear Mid., lbs.....10,574	54,411	
Dry Salt Shoulders, lbs...834,953	1,195,942	
P. Shoulders, lbs...1,305,502	2,005,780	
S. P. Hams, lbs...14,146,080	17,543,967	
D. S. Bellies, lbs...3,067,014	2,179,361	
S. P. Bellies, lbs...3,510,250	4,932,848	
S. P. Cal. or Pic. Hams, lbs. 3,031,064	4,701,925	
S. P. Skinned Hams, lbs...4,418,271	3,074,560	
Other cut Meats, lbs...2,906,249	3,722,845	
Total cut Meats, etc....50,134,106	56,474,409	

Live Hogs

Received	204,056	241,283
Shipped .....	...	10,216
Driven out	203,842	231,231
Average Weight	242	233

OMAHA LIVE STOCK RECEIPTS

Following are the May receipts and shipments of live stock at Omaha, Neb., as reported by the Union Stock Yards Company, and attested by J. C. Sharp, secretary:

RECEIPTS.

Year.	Cattle.	Hogs.	Sheep.
1900	64,235	241,283	46,566
1901	47,312	204,056	43,235

From January 1 to June 1:

1900	366,898	1,161,765	521,839
1901	341,633	1,219,599	511,145

SHIPMENTS.

1900	9,118	10,216	10,991
1901	6,708	...	4,595

During the month of June, 1900, South Omaha consumed 55,572 cattle, 231,231 hogs, 32,670 sheep; June, 1901, 38,874 cattle, 203,842 hogs, 35,461 sheep.

Subscribe for the National Provisioner.

	July 1 1901	June 1 1901	July 1 1900	July 1 1898
Liverpool and Manchester.....	20,000	15,000	21,000	52,000
Other British Ports	6,500	5,000	7,500	13,000
Hamburg	13,500	3,500	12,000	25,000
Bremen	1,000	1,000	3,000	4,000
Berlin	1,000	1,500	3,000	2,000
Baltic Ports	10,000	7,500	7,000	8,500
Amsterdam	1,000	1,000	4,500	2,500
Rotterdam	1,000	1,000	2,000	1,000
Mannheim	1,000	1,000	2,000	1,000
Antwerp	3,000	3,000	3,000	10,000
French Ports	3,000	2,500	7,000	9,500
Italian and Spanish Ports.....	1,000	1,000	1,000	1,000
Total in Europe	60,000	41,000	68,000	101,000
Afloat for Europe	40,000	66,000	57,000	50,000
Total in Europe and Afloat	108,000	107,000	125,000	171,000
Chicago Prime Steam	47,493	25,388	120,233	196,738
Chicago, Other Kind	8,498	7,339	17,702	18,582
East St. Louis	4,263	2,284	8,550	14,000
Kansas City	11,926	11,262	11,797	30,013
Omaha	5,670	5,349	5,268	5,752
New York	10,379	8,205	8,766	13,936
Total tierces.....	195,926	166,827	297,406	444,150
				405,749

NATIONAL LIVE STOCK ASSOCIATION

BULLETIN NO. 27

Denver, Col., July 1, 1901.

For the purpose of advising the members of the National Live Stock Association of the work that has been accomplished during the first half of the current year, it has been deemed advisable to make the following brief report:

To carry out the intention of several of the important resolutions adopted at the Salt Lake convention, President Springer early in the year appointed the following special committees.

Committee to take steps to test the validity of the law by which a reinspection and inspection fee is levied upon inter-state shipments after said shipments have been granted a clean bill of health by the government:

Paul McCormick, Billings, Montana.

H. A. Jastro, Bakersfield, California.

Joseph M. Carey, Cheyenne, Wyoming.
Peter Jansen, Jansen, Nebraska.

Frank M. Stewart, Buffalo Gap, South Dakota.

Charles Gresswell, Denver, Colorado.

Committee to draft bill providing for government inspection of woolen goods:

C. O. Stockslagger, Boise, Idaho.

T. C. Powers, Helena, Montana.

E. S. Gosney, Flagstaff, Arizona.

Mortimer Levering, Lafayette, Indiana.

Dwight Lincoln, Milford Center, Ohio.

Committee to draft bill providing for land exchange:

A. C. Huidekoper, Meadville, Pennsylvania.

John B. Castleman, Louisville, Kentucky.

John Sparks, Reno, Nevada.

R. M. Allen, Ames, Nebraska.

F. C. Lusk, Chico, Cal.

In carrying out the first resolution the committee experienced no little difficulty in getting a shipper to give the time and submit to the annoyance of making a test case. Finally, Mr. Ed. H. Reid, of the Flato Commission Company, of Omaha, consented to being made the defendant in the case. He shipped twenty-seven cars of cattle from Hereford, Texas, on the 10th of June, having previously secured a federal bill of health. He submitted to a reinspection by the Colorado Inspector at Amarillo, Texas, under protest, but positively refused to pay the fee. The Colorado and Southern road brought the cattle into Denver and they were taken on to Wyoming without unloading in this state except to feed. An arrangement has been made whereby the Colorado Veterinary Sanitary Board was to swear out the complaint, but when Reid arrived here the board, for some unknown reason, positively declined to make the arrest. It is understood that this decision was brought about by the influence of Governor James B. Orman, Billy Wilson and F. P. Ernest, who strongly advised against the case. After several days of waiting the district attorney's office made the complaint. Reid was arrested and convicted in the criminal

court and sentenced to six months in the county jail. Messrs. Talbot, Denison and Wadley, attorneys for the National Association, then applied to Judge Moses Hallett, in the Circuit Court of the United States, for a writ of habeas corpus, which was argued on the 29th ultimo and the opinion reserved until Monday, the 1st instant. On this date the court denied the writ and remanded the prisoner back to the custody of the sheriff of Arapahoe county. The association's attorney then saved an exception to the opinion, gave notice of an appeal to the Supreme Court of the United States and asked that the prisoner be released on bail. This was ordered and bonds fixed at \$500. In making the ruling the court held that the federal statute governing inspection on inter-state shipments of live stock was not exclusive but could be supplemented by state inspection, the same as in instances where one state may quarantine human beings when attempting to enter the state from an infected state. He, however, made no reference to the right of state officials to collect fees for inspection, which point is a strong one in the contention of the association.

The result of the hearing is quite satisfactory to the committee, as it desires to get the case before the Supreme Court of the United States at the earliest possible date, and it is hoped a favorable opinion will be given which will finally dispose of this annoying question in every state of the Union. This could not have been done had any other decision been rendered.

The cost of prosecuting this case is considerable, but if the practice be ultimately abolished it will be the means of annually saving hundreds of thousands of dollars to the stockmen of the country.

The other two committees are at work drafting bills covering these matters, which, with several other measures the association desires to have introduced early in the next session of Congress, will be considered and passed upon at the first session of the next annual meeting to convene in Chicago on December 2d.

Our general counsel in Washington, Judge William M. Springer, has been quite successful in all his efforts before department officials, the latter expressing the greatest consideration for our association and a desire to do everything possible for the stockmen of the entire country. Secretary Hitchcock of the Department of Interior, while not ruling in favor of promiscuous grazing upon forest reserves, has modified the original order to such an extent that present conditions and limited grazing are satisfactory to most sections.

Complying with the request of the Association this department has assigned one of its leading experts in forestry to the western range states for the purpose of making a thorough investigation into the question of grazing stock upon forest reserves, and report as to how this shall be

carried out so as to conserve the best interests of the stockmen as well as of the government.

The Secretary was also addressed upon the subject of fencing government lands, which has created considerable trouble in the West during the present year. There being a statute against fencing government lands, the question is most difficult to handle to the satisfaction of all concerned. It is hoped, however, that there will be no further trouble and that the entire matter will rest in abeyance until after the adjournment of the next Congress, when it is believed some action will have been taken in reference to individual control of the arid lands.

Secretary James Wilson has agreed to recommend, in his next annual report to Congress, an annual classified census of live stock, with semi-annual publication of these statistics, and will ask for the necessary appropriation to carry on this work. This is most important to all stockmen, and with the support of western members no doubt the order can be secured.

The secretary has also sent a corps of botanists into the range states for the purpose of investigating poisonous plants with a view to arriving at the most feasible means of their destruction. This also was at the request of the Association made at Salt Lake City.

President Springer has just returned from Chicago, where he arranged the final details for the December meeting. The convention will be held in the Studebaker Theatre and the sessions will be so arranged that delegates may attend the meeting for one part of the day and the International Live Stock Exposition during the remainder. Secretary James Wilson, of the Department of Agriculture, and Dr. D. E. Salmon, chief of the Bureau of Animal Industry, have been invited to deliver addresses to the delegates and 1,000 students from neighboring agricultural colleges one afternoon on pathological subjects.

Mayor Carter Harrison, of Chicago, and Governor Yates will welcome the delegates on behalf of the city and state.

The transportation companies have taken up the matter of rates and there is no doubt about a one fare for the round trip being granted. It is believed that the annual meeting of this Association and the International Live Stock Exposition will attract a quarter of a million strangers to Chicago during the first week of December.

C. F. MARTIN, Secretary.

Receiver for Salt Company Wanted

Attorney-General Davies, of New York, gave a hearing Tuesday on the application of Robert S. Bradley, of Boston, for a receiver to wind up the affairs of the Bradley Salt Co., of Warsaw, which sold its plant to the National Salt Co. The application was opposed by several of the stockholders. It is made on the ground that the company has permitted its charter to lapse. The Attorney-General reserved his decision.

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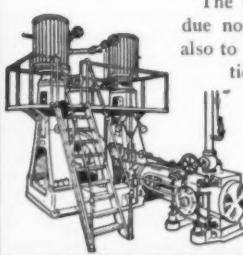
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WESTERN TRADE ITEMS

WESTERN OFFICE OF THE NATIONAL PROVISIONER, ROOM 424 RIALTO BLDG., CHICAGO

Packinghouse Notes

The big beef storage warehouse of A. A. Jewett & Co., Philadelphia agents of Swift and Company, of Chicago, was almost destroyed by fire last week, with a loss of \$200,000.

Harry Boore, superintendent of the Continental Packing Company, who was convicted several months ago for alleged water thefts for his company from an illicit pipe connected with a city water main, practically received an acquittal Wednesday when Judge Tuley gave him a new trial. The state was not left with a leg to stand upon, figuratively speaking, and it is doubtful whether Boore will be brought to trial a second time.

The opinion, which was exhaustive, was in favor of Boore in every particular. It set forth that there was no evidence to connect Boore with the willful theft of the water or to show that he was possessed of knowledge of the pipe, which was laid by the direction of the engineer of the plant. Judge Tuley also held that the instructions asked for by the state were faulty in part.

Referring to the evidence introduced to show that the packing company paid \$6,000 to the city for extra water taken from the alleged bogus connecting pipe, Judge Tuley held that it was paid under protest and only after a threat of the city officials to shut off the supply and cripple the plant if the city's claim were not paid.

"That settles the case and the state will not dare go to trial again," said the attorney representing Boore.

General Trade Notes

Frank H. Hitchcock, chief of the foreign market section of the agricultural department, has compiled statistics showing the distribution of the agricultural exports of the United States for the years 1896-1900.

There were a dozen countries in 1900 to each of which the United States exported over \$10,000,000 worth of domestic farm

produce. The United Kingdom purchased \$108,800,000 and Germany \$134,000,000 worth.

The agricultural exports of the United Kingdom were the largest on record, excepting those of the extraordinary year 1898, when a value of \$439,000,000 was attained. The exports to Germany for 1900 were decidedly in excess of any previously reported and show an increase of nearly 100 per cent in the five years' period.

Next in order to the above named countries in 1900 were the following: The Netherlands, \$52,000,000, these figures being exceeded only in 1899 by less than \$1,000,000; France, \$45,000,000; Belgium, \$33,000,000, as against \$31,000,000 in 1896 to France and \$18,000,000 to Belgium during the same year; Italy, \$24,000,000; Canada, \$21,000,000; Japan, over \$15,000,000; Denmark, nearly \$15,000,000; Cuba, \$14,000,000, as against \$4,000,000 in 1896; Spain, \$10,500,000, as against a trifle less than \$10,000,000 in 1896; British Africa, \$10,300,000.

Railroad Notes

Extensive improvements in the telegraphic and signal systems of the Baltimore and Ohio are contemplated by the new management. Initiative to this Assistant Engineer of Signals Dreyden and Division Dispatcher Gorseth have been commissioned to make a trip over several of the large western systems with a view to reporting as to the best automatic signal plant in operation.

The position of general manager of the Wabash Road has been abolished and President Ramsey will perform the duties usually assigned a general manager.

After more than two years of continuous work the great viaduct of the Chicago Northwestern railway over the Des Moines river, near Boone, Iowa, has been finished.

While engineers say the Boone structure may not be compared with the great bridges of the world, including such as the Eads, Forth and Brooklyn, it is un-

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doubtedly the greatest of the viaduct type ever built.

The great aerial network of steel is located between Ogden and Boone, Iowa, on the Northwestern's new line, and was built to eliminate grades and curves. By its construction the distance between Ogden and Boone has been reduced from ten to seven miles.

April 23, 1899, saw the first work started on the Boone bridge. It was opened for all classes of traffic last week.

OIL MILL TAXATION

Judge Robert Powell, sitting at Jackson, Miss., has decided that cotton oil mills in Mississippi cannot claim exemption from taxation under the existing law, which specifies the kinds of manufacturing enterprises which shall be exempt for a period of ten years.

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**VIRGINIA-CAROLINA CHEMICAL CO.
OPERATIONS**

The Board of Directors of the Virginia, Carolina Chemical Co., it is understood, called a meeting of stockholders for Wednesday, July 17, to consider propositions of increasing the capital of the company to \$50,000,000. It will be recollected that the United Oil Co. was incorporated recently in its interest, with a capital of \$12,000,000. It is clear that the company is going very extensively with the cotton seed business. It has secured a few cotton seed mills in South Carolina in addition to those hitherto alluded to, while it has options on others. It may be the object of the company to establish new mills as well as to secure a number of those already in operation. The company is evidently determined to obtain a sufficient number of plants to furnish all of the materials needed for the make of fertilizers. The fact that the large western packers are more extensively into the fertilizing business, and that they have little tankage now to spare, indeed are buyers of it themselves, where before for years they had abundantly supplied the concerns making fertilizers with the refuse of the packing house, is probably the main reason for the current movement of the Virginia Co. in enlarging its capital and securing cotton seed mills.

It looks as if the buying of the cotton seed plants by the Virginia Co. would place it next to the leading company even in the making of the oil, with which it probably is least interested. Indeed, the belief in the trade is that as concerns the oil productions of the company in marked competition is likely to occur in their marketing and that harmony will prevail with other companies. The motive on the part of the Virginia Co. appears to be to get supplies of meal for the ammoniates in the make of fertilizers, although of course, it is recognized that the productions all around from the cotton seed offer opportunities for considerable profits and that it is thus further favored.

The thought, however, we had expressed that the Virginia Co. would probably confine its attention to the direct productions of the cotton seed and that it would not enter into associated interests, or more particularly the making of compounds and soaps, would appear from the latter developments to have been well founded, although, of course, the future may show a widening of the enterprise, especially as it is well understood that the company has an unlimited amount of money back of it.

The Virginia Co. owns phosphate mines of importance sufficient to give it the phosphates for fertilizers; the ability, therefore, to secure materials all around which follows the securing of cotton seed plants will place it not only in a very independent position, but may lead it to an even stronger combination.

LATE TRADE GLEANINGS

Local capitalists will build a \$100,000 abattoir at Winnipeg, Man., Can.

The Wm. Davies Co., Toronto, Ont., Can., is enlarging packing plant.

The Three Rivers Robe Tannery, Three Rivers, Mich., has moved into new plant.

LATE ICE NOTES

The Rock Island Creamery Co., Highland township, Winneshiek county, Ia., capital \$2,000, has been incorporated.

The capacity of the ice plant at Laurel, La., is to be doubled.

The Potter Hook Ice Co., New Baltimore, N. Y., capital \$50,000, has been incorporated.

Quebec capitalists ask a government subsidy of \$5,000, to establish a cold storage plant in Argenteuil county.

The New Orleans Cold Storage Co., New Orleans, La., has purchased a site for a plant.

The Mersey Pure Ice and Cold Storage Co., London, Eng., capital \$100,000, has been chartered.

COTTONSEED NOTES

The Itasca Cotton Seed Oil Mill, Itasca, Tex., has changed title to Itasca Cotton Oil Co., and increased capital stock from \$50,000 to \$75,000.

The Whitmire Cotton Oil Co., Whitmire, S. C., has been incorporated.

The Dawson Oil Co., Hopkinsville, Ky., capital \$15,000, has been incorporated by T. T. Hillman, T. M. Steger, J. E. Hayes, and others.

The Jefferson County Mfg. Co., Louisville, Ga., will soon commence erection of their cotton oil mill.

Work has commenced on the new mill of the Florida Cotton Oil Mill Co., Jacksonville, Fla.

FRIDAY'S CLOSINGS
Provisions

Continue in sympathy with the corn market. The export business is being checked by the better figures of the week after fair buying.

Tallow

Quiet; city, hhds, 4%, at which the contract deliveries were made.

Oleo Stearine

Still slow.

Later.—The tone is rather firmer, with a slight improvement to demand; 38 is bid for 2,000 bbls. prime yellow, possibly to cover contracts on rejected oil, while 39 is asked. However, the improved lard market gives more encouragement.

LIVE STOCK CONDITIONS

Semi-annual reports received by the Secretary of the National Live Stock Association from all western states and territories regarding conditions of the live stock industry on the range, indicate a most prosperous year for the industry as a whole. The winter losses were lighter than for many years, but heavy spring storms in some sections caused about the usual spring losses, but the average will not reach over three per cent. Many sections report losses from predatory wild animals greater than usual, showing that this pest must soon be met in some way. Another cause of loss has been tleves, who have been unusually bold and success-

ful during the last few months, especially on the horse ranches. Reports from round-ups show an average above the usual calf crop. At the present time the only sections threatened with drought are southern and eastern New Mexico and southern Arizona. There is still time, however, for summer rains to relieve these conditions. The northern half of Montana and western North and South Dakota suffered from a late spring and drought, but these conditions have lately been relieved and the range feed, though late, was never better. There has been a large movement of stock cattle from the southwestern to northern ranges, approximating 150,000 head. The movement of western cattle has been very much lighter than usual, being principally from Pacific coast states to Montana and Wyoming. Many sections report the range badly crowded and early in the spring there were many clashes between sheep and cattle owners for possession of the range, but the good rains and consequent improvement of the feed on the range have temporarily relieved this condition. Prospects are considered good for a heavy movement of western range grass cattle commencing about a month earlier than usual and probably continuing late into the fall. Prices on stock cattle have been from \$1.50 to \$2.50 per head lower than last year. Strictly high grade cattle are steady with a year ago and in demand.

The sheep situation is not so satisfactory. Reports all indicate a general expectation of lower prices, due to the crowded condition of the ranges and the absolute necessity of reducing the flocks to fit the range conditions. The lamb crop has been unusually heavy, owing to the mild winter and favorable weather at lambing time.

(Continued on Page 42.)

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TRADE GLEANINGS

A tannery will be built at Middleburg, Pa., says the Philadelphia Press.

The California Oak Tanning Co. will erect a plant at Redwood City, Cal.

Armour & Co. are enlarging their poultry and egg plant at Marshalltown, Iowa.

The Fisheries Company, makers of fertilizer, etc., will defer payment of dividend on preferred stock.

The fertilizer plant of the Wheeling Butchers' Association, Wheeling, W. Va., was destroyed by fire.

Porter Bros. Co., San Francisco, Cal., and L. B. Clough will build fruit packing plants at Vancouver, B. C.

The French olive growers have to reckon more and more with the competition of the olive-growers in Tunis.

The Coffin Fletcher Packing Co., Indianapolis, Ind., has purchased 45 lots with a view to increasing size of plant.

The fight against the plant of the National Glue Works, Indianapolis, Ind., said to be a nuisance, has been renewed.

Deford & Co., Baltimore, Md., have sold their tannery at Berkeley Springs, W. Va., to Pennsylvania capitalists represented by S. F. Shelley.

The Idaho Produce and Provision Co., Butte, Mont., capital \$25,000, has been incorporated by B. A. Carder, J. H. Sibley and A. S. Bray.

The L. H. Huntley Co., Boston, Mass., capital \$5,000, has been incorporated to deal in provisions by F. W. Easterbrook, L. H. Huntley, B. White and others.

It is reported that the Cudahy Packing Co. will build a plant at Richmond, Va., and make it the distributing point for Virginia, the Carolinas, Georgia, Florida and Alabama.

The Washington and Virginia Stock Yard and Abattoir Co., Washington, D. C.,

capital \$50,000, has been incorporated by W. G. Carter, C. E. Ebel, L. T. Krey, J. E. Donovan and C. C. Carlin.

The National Artificial Leather Co. has been incorporated at Trenton, N. J., with a capital of \$1,000,000 by Otto Wolf, A. L. Wiler, G. F. Falkenstein and C. Falkenstein, all of Jersey City.

(Late Trade Gleanings, page 18.)

APPRAISERS' DECISIONS

Schoellkopf, Hartford & Hanna Co.—The merchandise in question consisted of a chemical compound composed of dead or creosote oil from coal tar. It was found similar in its character and the uses to which it is applied, to the merchandise called sheep dip, which was the subject of other cases. It was found that the merchandise was dutiable at 20 per cent. ad valorem, and the collector's decision in the assessment of duty at 25 per cent. was reversed. The claim in the protest that the merchandise was exempt from duty was overruled.

J. H. Rossbach & Bros. and Am. Boot & Shoe Co.—The merchandise in this case consisted of sheepskins with the wool on. The skins were passed free of duty, but the wool on the skins was assessed for duty. There was nothing in the record tending to sustain the protests made, and the Board found the facts to be as reported by the Collector and Appraiser and held that duty was correctly assessed.

Produce Exchange Notes

Produce Exchange memberships quoted at about \$175.00.

Proposed for membership: Howard La Tourette Bennet, broker; Harry Herbert Brunt, Co-operative Society.

FOR SALE

A Packinghouse and Business

Owing to the recent death of owner, an exceptional opportunity is presented to acquire a complete, recently equipped modern and up-to-date packinghouse in a city of 60,000 inhabitants, New York State, in an excellent distributing locality. Fully equipped for slaughtering and shipping cattle, hogs, sheep and calves, with large established trade. Is fitted with lard refinery, recently installed fertilizer plant, etc. Has a daily capacity of 200 hogs, 1 carload cattle and 3 cars small stock, with 9 horses, 5 new wagons, trucks, etc. Will dispose of complete plant only, with its established trade and good will.

Address, "PACKER," Box 9, The National Provisioner.

The busiest little fellow in the world is the housefly, carrying disease germs and other filth from place to place.

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stops him at once, and catches the germ as well as the fly.

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EXPORTS OF PROVISIONS

Exports of pork, bacon, hams and lard from principal Atlantic ports, their destination and a comparative summary for the week ending July 6, 1901:

	Week July 6, 1901.	Week July 7, 1900.	Nov. 1, 1900, to July 6, 1901.
PORK, BBLS.			
U. Kingdom ...	702	1,272	44,004
Continent ...	126	806	10,612
S. & C. Am. ...	206	147	15,436
West Indies ...	960	2,111	61,301
Br. No. Amer. Colonies ...	110	134	5,109
Other countries	41	51	1,245
Totals.....	2,245	4,611	146,796
BACON AND HAMS, LBS.			
U. Kingdom ...	11,200,170	13,454,002	480,451,846
Continent ...	1,060,468	730,601	60,996,301
S. & C. Am. ...	77,750	45,530	4,231,307
West Indies ...	287,675	330,950	8,330,290
Br. No. Amer. Colonies ...	...	...	13,600
Other countries	21,125	6,300	805,2.5
Totals.....	12,650,188	14,579,553	567,083,460
LARD, POUNDS.			
U. Kingdom ...	4,340,791	5,825,247	213,648,072
Continent ...	3,622,024	4,035,200	183,054,475
S. & C. Amer. ...	257,470	193,330	15,676,540
West Indies ...	438,670	765,510	18,560,942
Br. No. Amer. Colonies ...	...	5,220	80,022
Other countries	2,100	34,140	1,979,248
Totals.....	8,661,055	10,879,247	432,966,879

From—	Recapitulation of Week's Exports.		
	Pork, bbls.	Bacon and Hams, lbs.	Lard, lbs.
New York.....	1,068	6,454,800	3,820,880
Boston.....	484	3,470,275	2,431,688
Portland, Me. ....	...	619,400	182,000
Philadelphia.....	85	1,270,350	502,750
Baltimore.....	...	335,775	1,141,690
Norfolk.....	...	...	...
N'port News.....	...	...	184,858
New Orleans.....	8	150,900	206,000
Montreal.....	...	330,838	190,610
St. John, N. B. ....	...	...	...
Totals.....	2,245	12,650,188	8,661,055

COMPARATIVE SUMMARY.			
Nov. 1, 1900 to July 6, 1901	Nov. 1, 1899 to July 7, 1900	Decrease	
Pork pounds.....	29,959,200	33,565,000	4,205,800
Hams and bacon, pounds.....	567,083,460	559,141,911	17,939
Lard, pounds.....	432,966,879	456,529,703	23,562,824

TECHNICAL AND SCIENTIFIC

PEANUT OIL CAKE

In the first rank of oil cakes rich in albumen, stands the arachidic (nut oil) cake.

It contains on the average:—

46.9 per cent. of albumen.

8.9 per cent. of fats.

20.8 per cent. of carbon hydrates.

It is very digestible. According to its coefficients of digestibility, it contains on the average:—

39.7 per cent. of digestible albumen.

7.7 per cent. of fats.

20.4 per cent. of carbon hydrates.

It ought to be produced from nuts not damaged. The good oil cakes are readily recognized by their clean white color. Grayish or brownish cakes are to be more or less regarded with suspicion; they may be the product of damaged nuts.

Considering its composition, this cake is usually sold at a very low price. The linseed oil cake is now quoted at 20.50 francs; that of cocoanut oil at 18 francs, and the arachis cake at 18.50 francs. The kilogram of digestible albumen costs 75 centimes for the first, 1.20 francs for the second, and only 49 centimes for the arachis oil cake.

But in determining the price of an aliment, account must be had of the fats and of the carbon hydrates. Authorities differ in fixing the comparative value of these, but whatever ratio is adopted, the arachidic cake furnishes the nutritive unit at the lowest figure. According to the calculation suggested in my *Manuel d'Alimentation* (2d ed. p. 55), the nutritive unit costs, at the prices mentioned above, 13.4 centimes in the cocoa-oil seed cake; 11.4 centimes in the linseed cake, and only 8.2 centimes in that of the arachides.

The arachidic oil cake, like other seed cakes and feed rich in albumen, serves especially for improving aliments poor in albumen. Such are those composed in large portion of straw, potatoes, turnips, beets and hay of inferior quality.

It is employed with great success by fatteners for market. The fattening proceeds rapidly and the meat is excellent.

Palm kernel oil cake and that from cocoanut oil are approved in the alimentation of milch cows but they are only moderately rich in albumen. If the food of milch cows is composed principally of good hay, an abundance of milk is procured with the aid of palm kernel or cocoa oil cake. But if the cows are fed on straw, roots, etc., the production is not satisfactory, even with the addition of two or three kilogrammes of palm kernel or cocoanut cake, or of bran. I have had occasion to verify this several times in our grazing region. The food is too poor in albumen. The palm kernel and the cocoanut must give place, partly or wholly, to a richer oil cake, such as those of the arachides, cotton seed or poppy.

Cultivators often give milch cows corn, grain, etc. It is a veritable waste. This food, less rich in albumen, yields but moderate results and often occasions loss. It cannot be too often repeated that to secure an abundant supply of good milk, the animal had need of nourishment rich in albumen.

men. Experiments have proved that the ground nut oil cake is a perfect supplement for poor food.

The following rations containing arachidic oil cake have given good results. It is recognized that it is better to compose a forage of two or three concentrated ingredients than of a single one.

1. Stalks and straw at will; 35 kilogrammes of beets, 2 kil. of arachidic oil cake, 0.5 kil. of linseed oil cake, and 1 kil. of bran.

2. Eight kil. of hay, 2 kil. of straw, 10 kil. of beets, 1.5 kil. of palm kernel oil cake, and 1 kil. of arachidic oil cake.

3. Six kil. of hay, 5 kil. of straw, 1 kil. of arachidic oil cake, 1 kil. of palm kernel oil cake, and 1 kil. of bran.

4. Ten kil. of hay, $\frac{1}{2}$ to 1 kil. of arachidic oil cake, and 1 to 2 kil. of palm kernel oil cake.—Dr. G. Smets in *L'Agronomie*.

ANSWERS TO CORRESPONDENTS

J. J. O'C., MIDDLETOWN, CONN.—(1) Linseed meal or oil meal is made from primarily flaxseed which is grown principally for the oil it contains. The oil, linseed oil finds indispensable use for making paints. In distinction from cotton seed there is no lint to remove from flaxseed. Otherwise the oil is extracted similarly to that of cotton seed. The residue from the pressing is, the "cake" is dried, broken and ground and made into linseed meal. (2) There are nowadays two processes for making linseed oil—the new process, consisting in extracting the oil with benzine and the regular pressing process. The benzine process removes more of the oil and consequently leaves less for the meal. As there is less oil in this case, the percentage of protein is higher. (3) Gluten meal and gluten feed are by-products from corn in the manufacture of glucose, starch, etc., for which the protein part of the grain is not used.

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AMERICAN BEEF LEADS

A dispatch from London says: "Englishmen are breakfasting on American bacon, lunching on American ham and dining on American beef," said J. Ogden Armour, referring to the speech of Mr. Hanbury, president of the Board of Agriculture, at the American Society's Fourth of July banquet.

Mr. Armour is making his annual inspection of his firm's British business. "Austria may imitate Germany," he continued, "in excluding Yankee meat. France may imitate Austria and Russia may imitate France, but England will never keep them company. The business of American packers with the United Kingdom is increasing by leaps and bounds. The toothsome product of the Western prairies, despite the miles it travels to their tables, is gradually but surely supplanting the roast beef of old England in the affection of British epicures. Some eat it without knowing it, many get it in the market without asking for it, most order it specially. It requires not only steady shipments of chilled meat, but the slaughter of one thousand or two thousand live cattle every week to supply our trade. None of us ever seriously contemplated the establishment of junior stockyards in His Majesty's domains, but perhaps we may be driven to it some day for properly serving the growing wants of this hungry people."

A Cattlemen's Picnic

The annual picnic of the Kingman County (Kansas) Cattlemen's Association will be held August 27, 28 and 29. The cattlemen's picnic is to Kingman what the corn carnival is to Atchison, the street fair is to Emporia and the fall festival is to Topeka. The programme this year will consist of roping contests, races, athletic exhibitions, Indian games, etc. The prizes offered aggregate \$1,500. The roping contests are open to the world. Last year people attended the picnic from all parts of southern Kansas and Oklahoma.



Pipe Threading and Cutting Machines

WORLD'S FAIR PRIZE.

The Merrill Mfg. Co.

TOLEDO, OHIO, U. S. A.

Catalogue P.



INSURANCE NOTES

Adjusters of fire losses for the insurance companies have often been criticised by policyholders, and now certain kinds of adjusters are receiving the same treatment from the underwriters. The president of the New York Board of Fire Underwriters has called the attention of members to the abuses which have grown up in their adjusting departments whereby the insured are in some cases paid too much and in others too little. Coming in direct contact, as they do, with all classes and conditions of men, adjusters should be possessed of a broad-minded sense of justice, a thorough knowledge of the insurance contract, and, above all, tact. They should have a well-grounded belief that their employers are not only willing, but anxious to pay every cent which is justly due to a claimant, without quibbling on immaterial points; but they are perfectly justified, in instances where there is evidence of fraud, in taking a strong stand against allowing a claim, even though their evidence is not of a character to stand a legal test. One such man could indubitably carry through the average adjustment with less friction and expense than under the present system, and with fully as much justice to both parties. Underwriters are beginning to recognize this principle, and it may not be long before adjustments are simplified and rendered mutually more satisfactory.

Life insurance contracts of so many varieties are now offered to the public that almost any requirement in this direction can be met, or any taste suited. Policies running for life, with premiums payable annually during the whole period or for a stated number of years only; endowments, the face values of which are payable at the expiration of a given term, with premiums payable during the whole term or for a lesser number of years; "term policies," giving pure insurance with little or no other value at a low premium, for a definite time, and which are usually renewable at a higher premium for a term equal in length to the first, or may be exchanged for other and more permanent forms of policies, these are the principal divisions into which the contracts issued by "old-line" companies naturally fall. So far as a policyholder's getting his money's worth is concerned there is little to choose, as the forms of policies issued by any one company are generally based upon the same mortality table and interest and expense assumptions. Thus, if a twenty-payment life policy (one under which the insurance becomes paid up for life by twenty annual premiums) is compared with a twenty-year endowment policy (the face of which is payable to the insured if he survives and pays twenty annual premiums), the values offered can be readily demonstrated to be equitable. Should the twenty-payment life policy be accepted and the difference in premium between the two forms of policies for equal amounts be invested annually at four per cent. compound interest, little difference would be ob-

served at the end of twenty years between the cash surrender value of the twenty-payment life policy plus the sum of the invested differences and accretions, and the face of either policy. In favor of the choice of the twenty payment policy (in this illustration) would be the fact that the sums placed in bank yearly would always be at the owner's disposal; while on the other hand it may be urged that the average man would neglect to deposit the investment portion in bank, but would probably make special efforts to pay the full sums due on an endowment policy. Another view of this matter might lead a man to take nearly twice as much insurance on the limited payment form as he could purchase on the endowment plan for the same money, thus affording his family much greater protection and making but a slight sacrifice in the cash surrender value.

KANSAS CITY HOG RECEIPTS

Mason Peters, secretary of the Pork Packers' Association, has prepared an interesting table showing the receipts of hogs at the Kansas City stock yards since the first of the year. The figures include the shipments from January 1, 1901, to June 30, and show a total of 1,954,804 hogs.

These came from the states of Kansas, Missouri, Nebraska, Texas, Arkansas, Iowa, Colorado and Louisiana and Oklahoma and Indian territories. Kansas leads, having sent 1,061,763 head to market, or 54 3-10 per cent. of the total number. Missouri comes next, with 557,357 head, or 28 5-10 per cent. of the total. The other states and territories made the following showings: Oklahoma, 162,876 head; Indian Territory, 86,686; Nebraska, 59,680; Texas, 13,527; Arkansas, 8,278; Colorado, 329; Louisiana, 98.

TANNERS MEETING

A special meeting of the tanners' section of the Toronto Board of Trade has been called for Wednesday next at 2 p.m., in the council chamber. Amongst the many important questions to be considered will be that of the duty on boots and shoes. An invitation to attend the meeting has been extended to all tanners.

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THE NATIONAL PROVISIONER . . .

You will get returns

A Pure Food Necessity

The New Jersey Melting and Churning Company,
(Incorporated.)
Churners of High-Grade Butterine, Domestic and Export

Unusual Export Advantages. Correspondence Solicited.

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SWIFT'S

Western Dressed Beef

Button, Lamb, Veal, Pork and Provisions

FOR SALE AT THE FOLLOWING BRANCH HOUSES

NEW YORK

Barclay Street Market, 105 Barclay Street
 Gansevoort Market, 22-24 Tenth Avenue
 West Washington Market, Corner West and Bloomfield Streets
 Thirteenth Street Market, 32-34 Tenth Avenue
 Manhattan Market, West 35th Street and Eleventh Avenue
 West 39th Street Market, 668-670 West 39th Street
 Westchester Avenue Market, 769-771 Westchester Avenue

East Side Slaughter House { First Avenue, between 44th
 and 45th Streets
 East Side Market
 West Harlem Market, 130th Street and Twelfth Avenue
 Eleventh Avenue Market, Eleventh Avenue, bet. 34th and 35th Sts.
 Murray Hill Market, Foot East 31st Street
 Centre Market, Corner Grand and Center Streets
 West Side Slaughter House { 664-666 West 39th Street
 West Side Market

BROOKLYN

Williamsburg Market, 100-102 North Sixth Street
 Brooklyn Market, 182-184 Ft. Greene Place
 Atlantic Avenue Market, 74-76 Atlantic Avenue
 Ft. Greene Sheep Market, 172 Ft. Greene Place

JERSEY CITY

Wayne Street Market, Corner Wayne and Grove Streets
 Ninth Street Market, 138 Ninth Street

Central Office, Nos. 32-34 Tenth Avenue
 New York

Swift and Company

LARD ADULTERANT

The state board of health of Indiana has received a sample of a powder that possesses more than ordinary interest. Itinerant vendors are going about through small towns and rural districts of the state selling this powder to farmers and dealers in lard. When some of the powder is added to lard the effect is to hard it so that it will remain firm even during the hottest weather. The only name given for the substance is "lard hardener." Dr. Hurty, the state chemist, has been at considerable trouble and expense in making

an analysis of the powder in his private laboratory. He has found that the powder contains 10 per cent. of alum and 90 per cent. of hydrate of alumina. He says these ingredients add weight and other properties that are not natural to lard. He says also that lard which contains the "hardener" will carry a larger percentage of water than usual without betraying its presence.

in Oklahoma, are at Washington to urge postponement of the opening of the Wichita Reservation until October 1, or later. They claim the cattlemen have leases on a great amount of pasture land in the Wichita country covering a period of three years, although their leases contain a provision cancelling the contracts when the Indian title is relinquished.

The cattlemen have paid up to October 1. The delegation will be given a hearing, but matters have progressed so far now that delay in opening is hardly likely.

Swift & Company
 (Formerly the Jersey City Packing Company)

138-154 Ninth Street, Jersey City

Beef and Pork Packers

Lard Refiners and General Provision Dealers for Expert and Local Trade
 New York Office, 342 Produce Exchange

OUR AGRICULTURAL EXPORTS

Frank H. Hitchcock, chief of the foreign market section of the Agricultural Department, has compiled statistics showing the distribution of the agricultural exports of the United States for the years 1896-1900. He shows that there were a dozen countries in 1900 to each of which the United States exported over \$10,000,000 worth of domestic farm products.

The United Kingdom purchased \$408,000,000 and Germany \$134,000,000 worth. Our agricultural exports to the United Kingdom were the largest on record, except those of the extraordinary year of 1898, when a value of \$439,000,000 was attained. In our trade with Germany the exports for 1900 were decidedly in excess of any previously reported, and show an increase of nearly 100 per cent. in the five-year period.

Next in order to the above named countries in 1900 were the following: The Netherlands, \$52,000,000, these figures being exceeded only in 1899, by less than \$1,000,000; France, \$45,000,000; Belgium, \$33,000,000, as against \$31,000,000 in 1896 to France and \$18,000,000 to Belgium in the same year; Italy, \$24,000,000; Canada, \$21,000,000; Japan, over \$15,000,000; Denmark, nearly \$15,000,000; Cuba, \$14,000,000, as against \$4,000,000 in 1896; Spain, \$10,500,000, as against a trifle less than \$10,000,000 in 1896; British Africa, \$10,300,000. Exports ranging in value from \$5,515,000 down went to more than a dozen other different countries.

Our total exports of domestic farm produce to Cuba, Porto Rico, Hawaii and the Philippine Islands in 1900 had an aggregate value of over \$20,000,000, as compared with only \$6,200,000 in 1896.

South America was the only continent to which our agricultural exports for the last five years showed a decline—from \$11,236,000 in 1896 to \$9,452,000 in 1900. The most striking gain was in our exports to Asia, rising from \$5,735,000 in 1896 to nearly \$23,000,000 in 1900. The principal part of our agricultural exports in 1900 found a market in Europe, sales to European countries having an aggregate value of \$739,000,000. With the exception of the phenomenal year, 1898, when they reached \$762,000,000, these figures are the largest on record. In 1896 they were \$503,000,000. To the various North American countries the exports in 1900 were \$55,000,000; in 1899, \$58,000,000, and in 1896, \$44,000,000. The ten principal items in our export trade for 1900 were:

Breadstuffs	\$262,744,000
Cotton	242,988,978
Meat products	173,751,471
Live animals	43,585,031
Tobacco	29,422,371
Oilcake and oilcake meal	16,806,302
Vegetable oils	16,345,056
Fruits and nuts	11,642,662
Dairy products	9,226,520
Seeds	7,036,382
Others	31,067,079
Total	\$844,616,530

The total in 1896 was \$574,398,264. About half of the trade in breadstuffs in 1900 went to the United Kingdom, with Germany next at \$32,029,000. Of the raw cotton \$90,260,000 worth went to the United Kingdom.

\$64,395,000 to Germany, and \$27,776,000 to France.

Of meat products \$107,621,000 worth went to the United Kingdom, and \$32,708,000 worth of live animals to the same country.

PORK PACKING

Special reports show the number of hogs packed since March 1 at undermentioned places compared with last year, as follows:

	March 1 to July 3.	1901	1900
Chicago	2,195	2,275,000	
Kansas City	1,270,000	1,025,000	
Omaha	820,000	815,000	
St. Louis	630,000	555,000	
St. Joseph, Mo.	648,000	596,000	
Indianapolis	398,000	380,000	
Milwaukee, Wis.	102,000	105,000	
Cudahy, Wis.	144,000	184,000	
Cincinnati	182,000	207,000	
Ottumwa, Iowa	186,000	206,000	
Cedar Rapids, Iowa	157,000	158,000	
Sioux City, Iowa	262,000	280,000	
St. Paul, Minn.	183,000	172,000	
Louisville, Ky.	109,000	120,000	
Cleveland, Ohio	136,000	165,000	
Wichita, Kan.	100,000	57,000	
Nebraska City, Neb.	90,000	115,000	
Detroit, Mich.	89,000	85,000	
Marshalltown, Iowa	36,000	41,700	
Bloomington, Ill.	36,900	36,100	
Above and all others	8,025,000	7,855,000	

—Price Current.

FOOD AND DRINK SUPPLY OF PARIS

Consul Haynes, of Rouen, writes as follows, under date of June 3, 1901:

The annual report concerning the food supply of Paris for 1900 contains some interesting figures. Here is the official average of what a Parisian eats and drinks in one year: Two hundred and forty-two eggs, 19.62 pounds of butter, 3.05 pounds of ready-cooked butcher's meat, 34.92 pounds of fish, 154.70 pounds of beef, 25.38 pounds of pork, and 27.83 pounds of fowl and game. This gives a daily average of two-thirds of an egg, 380 grains of butter, 57.12 grains of ready-cooked butcher's meat, 669 grains of fish, 6.81 ounces of beef, 1.11 ounces of pork, and 1.21 ounces fowl and game. The Parisian drinks in a year 1.89 gallons of alcohol, 3.07 gallons of beer, 1.48 gallons of cider, and 44.9 gallons of wine. This gives a daily average of 0.0387 pint of alcohol, 0.067 pint of beer, 0.0334 pint of cider, and 0.99 pint of wine.

GAME CASE PROSECUTION

Authorization has been given by the State Game Commission to the law firm of Black, Olcott, Gruber & Bonynge to prosecute the Arctic Freezing Company, in whose possession thousands of game birds were found out of season. Chief Game Protector J. W. Jond and Game Protector E. O. Overton had a conference with Mr. Olcott and submitted the evidence on which the action will be based.

Mr. Olcott holds that under the law the cold storage company is liable at the rate of \$25 a bird for the game found in their possession, although they may have been only the consignees, because the game actually was in their possession, and summons and complaint will be served upon them at once. The case being a preferred action, the State being a party to it, will not have to wait two years until it is reached on the calendar, but will come up in the fall.

ANOTHER KANSAS CITY PLANT

J. H. Waite, of Kansas City, in an interview at Washington recently, said: "We are expecting another English packing house to open up a big plant in Kansas City. The packing business supports fully 30,000 of our population now and it is growing all the time. We have had one English firm there for the past twenty-three years—Fowler & Son. They ship nearly all their stuff to England and to the British colonies. The new firm that is expected to locate with us will be on a still larger scale and will, it is understood, also confine its output to the English trade. The property for the location of the plant is already practically secured, but those concerned are reticent about the details."

BARRELS IN THE ARGENTINE REPUBLIC

Consul-General Guenther sends the following, dated Frankfort, June 7, 1901:

French official reports say "that since Brazil imposes a higher import duty on flour in sacks than on flour in barrels, it is now shipped by Argentine merchants exclusively in the latter packing. The Argentine Republic would therefore offer a good market for cooper's machinery." Perhaps not only such machinery, but staves, would, under the circumstances, find a ready market in that country; at least our stave manufacturers may find it to their advantage to investigate the possibilities for their goods in the Argentine Republic.

OPPOSES RESERVATION OPENING

The National Live Stock Association is strenuously opposing the hurried opening of the Kiowa and Comanche reservations in the Indian Territory for many important and vital reasons. One of the chief reasons for delaying the opening of these reservations is that there are nearly 200,000 head of immature cattle in the ranges there and these would be dumped on the market. This would be a very serious detriment to the live stock industry at the present time.

PROPOSALS

PROPOSALS FOR SUBSISTENCE SUPPLIES—Office Purchasing Commissary, U. S. Army, No. 39 Whitehall Street, New York City, N. Y., July 5, 1901.—Sealed proposals for furnishing and delivering subsistence supplies in this city for thirty days, commencing Aug. 1, 1901, will be received at this office until 11 o'clock A. M. on July 15, 1901. Information furnished on application. Envelopes containing bids should be marked "Proposals for Subsistence Supplies opened July 15, 1901," and addressed to Major D. L. BRAINARD, Commissary, U. S. A.

Sealed proposals will be received at the office of the Light House Inspector, Tompkinsville, N. Y., until 12 o'clock M., July 27, 1901, and then opened, for furnishing supplies for the Light House Establishment, for the fiscal year ending June 30, 1902, in accordance with specifications, copies of which, with blank proposals, and other information, may be obtained upon application of W. M. Folger, Captain U. S. N. Inspector.

ICE AND REFRIGERATION

A creamery is wanted at Tonkawa, Kans.

Clark's creamery at Swedona, Ill., was burned.

There is a shortage of ice at New Orleans, La.

Colling's Bros., Lutherville, Md., will erect a cold storage plant.

The creamery and ice house at Dexter, Ia., was destroyed by fire.

The Humboldt Cold Storage Co., Humboldt, Ia., has been organized.

W. E. Bell is interested in an ice plant to be erected at Hig. Springs, Fla.

An ice factory will be built at Holly Springs, Miss., by local parties.

A creamery will be built at Geneva, O., by popular subscription to stock.

The Union Cheese Factory, Mt. Pleasant, Mich., has commenced operations.

The cold storage plant of A. J. Hall, Mason, Mich., was destroyed by fire.

The creamery of Carter & Swisher, Harper, Kans., was burned; loss \$8,000.

Schlitz Brewing Co., Milwaukee, Wis., will build cold storage plant at St. Paul, Minn.

The Armour Packing Co. will erect a \$75,000 cold storage plant at Minneapolis, Minn.

A creamery will be built at Tweed, Marshall County, Minn., says the Duluth News-Tribune.

The plant of the North Star Brewing Co., St. Paul, Minn., is to be remodeled at a cost of \$200,000.

Hammond, Standish & Co. are completing a cold storage warehouse at Sault Ste. Marie, Mich.

The Geneva Co-operative Creamery Co., Geneva, O., capital \$5,000, has been incorporated by C. B. Tyler, W. A. Lott, and others.

George Elchoff, William Metz, and others, are interested in a new ice factory and cold storage plant to be erected at Aransas, Ark.

Thomas Parker, Hutchinson, Kans., is contemplating the erection of a creamery, ice factory and condensed milk factory at La Junta, Col.

The Nebraska Creamery Association, Omaha, Neb., capital \$200,000, has been incorporated by J. F. King, R. A. Stewart, G. M. Reed, and others.

The Queens Borough Dealers and Consumers Hygeia Ice Co., Ltd., Long Island City, L. I., has increased capital stock from \$25,000 to \$50,000.

The Slawson Brothers, Hillside, N. Y., capital \$135,000, has been incorporated to deal in dairy products, by L. Horton, E. A. Young and S. J. Slawson.

The Central Ice and Refrigerating Co., Pierre, S. D., capital \$2,000,000, has been incorporated by J. W. Avery, G. R. Allison, T. P. Estes and W. A. Seals.

AGRICULTURAL EXPORTS OF ARGENTINA

It will naturally be expected that, of the leading agricultural products exported from Argentina in the first three months of the year, a marked falling off should be shown under the heads of live cattle and sheep. Over the first three months of last year the ports of the United Kingdom were still open to animals from the River Plat, whereas since the end of April, 1900, they have been closed, and the Argentine shipments of animals on the hoof have declined very much in consequence. Thus in the first quarter of the present year they included 27,932 head of cattle and 8,322 sheep, as against 58,752 and 175,280 respectively in the first three months of last year, the declines amounting to 30,820 cattle and 166,958 sheep. Whilst, therefore, the shipments of cattle have declined more than one-half, those of sheep have diminished almost to the verge of extinction. Simultaneously there have been increases in the exports of dead meat to the extent of 3,870 tons of frozen mutton, 4,732 tons of frozen beef, and 623 tons of jerked beef. From a comparative point of view the expansion of the trade in frozen beef is the most remarkable, for whereas two years ago the quantity of beef shipped was less than one-eleventh of that of mutton, it is now nearly one-half. Moreover, the 8,271 tons of frozen beef exported in the opening quarter of the present year represent more than double the corresponding quantity last year and nearly seven times that of 1899. The expansion in the exports of jerked beef, which is shipped almost exclusively to adjacent South American coun-

tries, is probably only a temporary revival, as the trade has long been languishing. The shipments of wool, though 14,989 tons more than in the first quarter of last year, are considerably less than in 1899. The three months' exports of butter rose to a weight well over a million pounds, and exceeded by 172,062 lbs. those of the first three months of last year. The shipments of cheese, although they register an increase, are almost too trivial to be noticed. Linseed shows an increase of 98,058 tons. The current issue of "El Comercio Exterior Argentino" gives the totals only for the first quarter of 1901, but in the table below we have supplemented these with the corresponding figures of the two preceding years. Over the period embraced it is seen that cattle and sheep, this year register minimum totals, whilst frozen mutton, frozen beef, butter, cheese, and linseed register maximum totals:—

Agricultural Exports from Argentine in the First Quarters of 1899, 1900 and 1901.

	Head.	Head.	Head.
Live cattle	67,299	58,752	27,932
Live cattle	152,178	175,280	8,322
	Tons.	Tons.	Tons.
Frozen mutton ..	13,688	13,115	16,985
Frozen beef	1,219	3,539	8,271
Jerked beef	3,681	1,778	2,401
Wool	91,316	53,471	68,460
	Lb.	Lb.	Lb.
Butter	725,525	961,521	1,133,583
Cheese	1,430	990	1,461
	Tons.	Tons.	Tons.
Linseed	90,905	148,411	246,469

NEW YORK WOOL SITUATION

Prices on low and medium grades of pulled wool in New York show no encouraging tendency. On the contrary they seem on the decline. This, despite the fact there are less than 5,000 bags on hand in the city and with no prospect of replenishment in the near future. Consumers seem to be well stocked and even the small amount on hand does not effect the market favorably.

Conron's Brooklyn Plant

The mechanics are gradually finishing their work on the fine new cold storage plant of Conron Bros., at 189-191 Fort Greene Place, Brooklyn, and a large part of it is now open for business and for inspection. Brooklyn butchers should visit this plant, as it will greatly facilitate their future business.

P. & B. PAPERS

Air-Tight, Water-Proof, Acid-and-Brine Proof. Very Durable. Endorsed by Experts. Tasteless, Odorless. Only the Best Materials in their make-up. Have stood the test of seventeen years' use.

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100 WILLIAM STREET, NEW YORK

Chicago Office: 189 Fifth Avenue

THE STANDARD PAINT COMPANY
100 WILLIAM ST. NEW YORK



TAXATION SUITS DISMISSED

Frank Holcomb, clerk of Wyandotte county, Kansas, received a letter from his attorney, John Atwood, at Leavenworth, notifying him that the suits brought by corporations to restrain him from proceeding with an inquiry as to property escaping taxation, had been dismissed in the federal court of appeals. The parties to the suits were the Armour Packing Company, Consolidated Kansas City Smelting and Refining Company, Swift and Company, Metropolitan Street Railway Company and Schwarzschild & Sulzberger Packing Company. The suits were filed about one year ago, and then appealed. They referred to the personal property taxation of last year. Mr. Holcomb will at once proceed to charge the corporations with the property.

To Inspect Dairy Products

Secretary Wilson has decided to establish in the customs districts of Boston, New York, Chicago and San Francisco a system of inspection of dairy products for export.

It is stated at the Agricultural Department to be "probable that at an early date the owners or shippers of products for export may, upon application, have the same marked and certified as to purity and quality, provided they are above a minimum grade, yet to be fixed."

May Build Gateway

There is now no legal obstacle to prevent the Chicago Union Stockyard and Transit Company from building the ornamental gateway at the Exchange avenue entrance to the stockyards. Last year Charles E. Grosse, the proprietor of a clothing store, at 4162 South Halsted street, secured an injunction restraining the stockyards company from erecting the gateway. Judge Stein dismissed the proceedings recently.

SALT TALK

As there appears to be some doubt whether the English combination of salt manufacturers, completed June 28, can be maintained, the officials of the English Salt Union are now said to be considering the practicability of an arrangement with the American Salt Trust. They talk of sending an official to the United States to see what is feasible.

Big Loss to Cattlemen

Bert Barnett, one of the heaviest cattle owners having cattle in the Indian country to be opened to settlement, says the order of Secretary Hitchcock demanding the immediate removal of stock from the territory will entail a loss of over \$1,000,000 to cattlemen now there.

BAD MINNESOTA STORM

A recent hail storm in Minnesota took a strip three miles wide from Danube to Buffalo Lake through Troy, Kingman, Bird Island, Osceola and Brookfield townships. All kinds of grain were totally destroyed. Cattle were badly cut and bruised.

THE MARKET REVIEWS

PROVISIONS AND LARD

All articles under this head are quoted by the bbl., except lard, which is quoted by the cwt., in tcs., pork and beef by the bbl., or tierce, and hogs by the cwt.

Weekly Review

Sharp Rise in Prices—Improved Export Demands—Rising Corn Prices Through Weather Conditions and Statistical Situation Affecting Hog Products

From an easy drift of prices for the hog products early in the week much more excitement has come about with sharp reactions to a higher basis. There had been a good deal of September stuff, particularly of lard; now there are buyers all around and because of the sensitive corn market. The packers picked up the cheap stuff promptly. From a statistical standpoint alone the hog products ought to do better. There were some considerations against the upward movement until corn started it. In the first place the packers have been anxious to sell productions as close as possible, or at least to keep up lively demands for them.

It had been found only recently that pure lard was having less attention by reason, perhaps, of the stimulated prices for it; at any rate that there was no question but demands were drifting from it to the compounds, in which latter a remarkably large business was done, not only to the home distributors, but to a free extent for the foreign markets. There was brought out the fact that through last month the supply of pure lard had accumulated at the West to a little larger volume than had been expected, however very moderate by comparison with ordinary seasons the holdings were. Moreover, the statement of the world's visible supply of lard implied that the foreign consumers were resorting a little more to substitutes; thus, Liverpool and Manchester had gained in stock through June 5,000 tcs., Hamburg 10,000 tcs. and Baltic ports 2,500 tcs., with the gain in Europe, altogether 19,000 tcs.; of course, the consignments had been large from this country, while there is now only 48,000 tcs. afloat for Europe against 66,000 tcs. in the previous month. But the entire visible supply on July 1 was greater by a little over 29,000 tcs. than on June 1. A good feature, however, early this week had been a recovery of demand for pure lard, as the market here *seen sagged sufficiently to meet some continental orders*; indeed, it may be said that there has been more direct demand from Germany for pure lard within a few days than in some time. The compound business has been quiet this week; this may mean that after large buying by the distributors there is the natural lull in them, but that they are likely to waken into activity at any time; besides perhaps as a temporary restraining influence over trading in the compounds has been an advance of $\frac{1}{2}$ for them.

Most of the pure lard bought on export account this week has been for August shipment. Unquestionably the improved export demand for pure lard brought the market around in mid-week to a decidedly healthier basis in conjunction with the grain excitement, where for two or three days previously it had been drifting easier. Our belief is that pure

lard is needed at around current prices, and that demands might follow it promptly to a higher basis, and that lulls are likely to be of a temporary order; moreover, that the compounds should have a brisk business without more than occasionally distributing a good movement in the pure lard. It has been noted as well that the foreign demands for meats have somewhat recovered. Both lard and meats have a very good home distribution, but it cannot be said that pork has lively interest from any direction, although possibly it is relatively cheap.

A point that must be considered in connection with hog products is the possibilities of the corn crop. The grain has had a feverish position this week, through which its prices, as has been noted, have drifted materially higher and because of the protracted dry weather; of course, it is easy to work the corn markets to a higher range in the speculation, yet at the same time in the event of rains they would be very sensitive to reactions. It is natural to suppose that some portion of the hog supplies hurried forward to marketable centres latterly has been due to the drought and the higher prices for the corn, while the fact that the hog supplies have been rather liberal has tended to make packers indifferent over a full development of strength for the hog products. It has been found difficult to widen the difference in the prices of the hogs and the products. While the disposition has been to hold the latter down at times to take in the hogs, yet it has been shown that the anxiety of the packers to get the hogs, in competition, that they have held up despite all efforts against them.

We cannot look upon the provision market as a whole in any other way than as likely to develop better figures; with a permanently stronger course of the markets will come, in our opinion, freer demands.

The speculation has been broadening, and is now especially good in the September option.

In New York, the exporters have been figuring in a moderate way over pork; they have bought refined lard a little more freely. The steam lard here is rather under neglect by shippers, but it is taken more freely by the refiners. The city cutters have held prices of bellies firmly because of the cost of hogs; their stocks are moderate; demands are of a reserved order; a good demand prevails for hams. Indeed, all meats are firmer in price.

Sales in New York for week, to present writing: 500 bbls. mess pork, \$15.25@ \$16.50; 350 bbls. short clear do, \$16.00@ \$17.75; 250 bbls. city family do, in lots, \$16.50; 500 tcs. western steam lard, on pt.; quoted, \$8.90; 650 tcs. city do, \$8.25@ \$8.50 (compound lard 6½@7c.); 20,000 lbs. pickled bellies, 12 lbs. aver., 9½@10c., pickle 10c.; 10,000 lbs. do, 14 lbs. ave., 9½c.; 5,000 lbs. do, 10 lbs. ave., 10½c.; pickled shoulders, 7½c.; 3,800 pickled hams, 11c.; 2,800 green hams, 10½c.; 4,500 green bellies, 10½@11c.

BEEF.—Still favors sellers; fair demands because of comparatively high prices of pork; city extra India mess, tcs., \$16.00@\$16.50; barrelled, mess, \$9.50; family, \$12.00; packet, \$10.50.

Exports from the Atlantic ports last week: 2,245 bbls. pork; 8,661,055 pounds lard; 12,650,188 pounds meats; corresponding week last year: 4,611 bbls. pork; 10,879,247 pounds lard; 14,579,553 pounds meats.

HIDES AND SKINS

CHICAGO

PACKER HIDES.—The packers are now fairly closely sold up on all lines and in consequence of this, assortments are naturally small, which fact militates against selection and sales. This fact does not, however, prevent packers from exerting every possible effort to move present holdings. While the limited selection naturally makes business quiet, there is still a considerable quantity of hides moving.

No. 1 Native steers, 60 lb. and up, free of brands have moved to the number of about 15,000 at 13. There are very few old hides offering, some of the packers not having any at all.

No. 1 Butt Branded Steers.—About 2,000 moved at 12, the sale having practically cleaned up the offerings.

Colorado Steers.—60 lbs. and up were well cleaned up by a recent sale of 6,000 at 11 1/4.

No. 1 Texas Steers.—Have sold separately as high as 13 1/4, and as they are very scarce the price is likely to be maintained.

No. 1 Native Cows.—55 lbs. and up have sold in limited volume at 11, while lights offer at a variety of prices.

Branded Cows—About 6,500 moved at from 10 1/2 to 10 1/4. The supply is small.

Native Bulls.—Have moved in small quality at 10.

Country Hides.—The market is in a decidedly unsettled state. It is claimed that dealers have paid long prices in the country and consequently will have to get corresponding figures while buyers on the other hand claim that the tendency is easier. This difference of opinion as to what constitutes value naturally militates against business. We quote:

No. 1 Buffs, 40 to 60 lbs., free of brands and grubs, have sold in the two selections at 8 1/2 and 9 1/2. While buyers think top has been reached dealers think that higher prices are in sight, which different views naturally create a waiting market. We quote:

No. 1 Extremes, 25 to 40 lbs., free of brands and grubs, have moved at 8 1/2 @

9 1/4 for the two selections. Long haired stock brings less money.

Branded Steers and Cows.—Have been a fairly active factor at 8 1/2 @ 8 1/4 flat.

Heavy Cows.—60 lbs. and up, free of brands and grubs, are very scarce, and receipts are being applied on previous contracts. They run from 9 1/4 @ 10.

Native Bulls.—Are scarce and range from 8 1/2 @ 8 1/4 flat.

Calfskins.—8 to 15 lbs., run from 11 1/4 to 11 1/2. They are hardly an active factor, partially because of stiff competition at outside points.

No. 1 Kips.—15 to 25 lbs., range in short haired stock from 9 to 10. There is some movement.

Deacons.—Run steady at from 60 to 82 1/2, according to weight, quality and selection.

Skunks.—30.

Horse-hides.—Have fallen off and would not command above \$3.25.

Sheepskins.—The packer market is well sold up though the country contemporary is dull. We quote:

Packer Peits.—\$1.05 @ \$1.15.

Packer Lambs.—55.

Packer Shearlings.—40.

Country Shearlings.—85 @ \$1.00.

BOSTON

Good Western buffs are in good request at 9 1/4. A good business has been done and is in progress. The views of holders are getting stronger and it would not be surprising to note an early advance. The demand for New Englands at 9 is more than adequate to the supply. Tanners are buying reluctantly at the prices, but have no alternative.

PHILADELPHIA

Business has been quiet in consequence of the heat and the holiday. While the request has lessened prices continue well sustained. We quote:

City steers.

City cows.

Country steers, 10 1/2.

Country cows, 9.

Bulls, 8 1/2 @ 9.

Calfskins, dull.

Sheepskins, dull.

NEW YORK

Free Hides.—The market continues very firm. Recent sales have tended to somewhat deplete selections, which retards traffic somewhat. Several thousand natives moved at from 12 1/4 to 13. We quote:

No. 1 native steers, 60 lbs. and up, 12 1/4 @ 13.

Butt branded steers, 11 1/2.

Side branded steers, 11 1/2.

City cows, 10 @ 10 1/2.

Native bulls, 10.

Calfskins.

Horse-hides, \$2.00 @ \$3.25.

SUMMARY

The Chicago packer situation while firmly sustained as to price cannot be called active, largely because of depleted selection, branded stock being conspicuously scarce. Despite this, however, packers are very closely sold and are showing a strong disposition to avert accumulation. The country situation is peculiar inasmuch as while it is probably true that dealers have paid a stiff price in the country for their present holdings, buyers claim that values are easier. It is not improbable that this latter claim will be verified if upper leather tanners persist in their intention to curtail their production. The Boston market is strong on buffs and it is by no means difficult to move the first selection at 9 1/4. A good business has been done on this basis in connection with seconds at the consistent price. The supply of New Englands at 9 is inadequate to the demand.

The Philadelphia centre has been quiet in consequence of the heat and the holiday, despite which, values have been well sustained. The New York market is also fairly well cleaned with values particularly strong.

HIDELETS

Mr. Hallenstein, of the tanning firm of Michaelis, Hallenstein, of Melbourne, Australia, is making a tour of American tanneries.

Mr. Rantenberg, senior of the London hide house of Rantenberg & Co., has been visiting the New York market.

A. G. Speire of the hide firm of A. G. Speire & Son, Philadelphia, recently deceased.

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TALLOW, STEARINE, GREASE AND SOAP

Weekly Review

TALLOW.—While a sale of 50 hds. city, was made on Tuesday at 4%, and which was at 1-16 decline on the price that prevailed in the previous week, we consider the undertone good, and notwithstanding some reports that there is a slackener look of affairs over the country. It strikes us that quieter conditions of demand have no other significance than that they are so in a compulsory way, because of well sold up stocks, that buyers having filled in on wants and knowing that material accumulations are not to be had, keep quiet. Of course, with that situation of affairs an occasional lot is put out for sale, finding the indifference over buying, has a shaded price. It is clear that there is a large consumption of tallow over this country, of an exceptional order of nice grades because of the late large demand for the compounds, and it appears that whenever a material holding of it is made over the West that it is quickly taken up. Then, again, it must be recollected that England has taken considerable tallow from Eastern markets latterly, and that it is within 1-16 of asking prices on other important quantities. The Australian shipments to England are reported as likely to be small, and it is expected that England will continue buying interest here. Of course, tallow turned, but in the hot weather of July and August is not usually considered as desirable as that made at an earlier period, and the fact that shippers buy it shows, in some degree, their urgency. It is known that the demands from some continental sources have enlarged upon English markets latterly, notwithstanding absence of interest from them upon our markets. It, however, is about as broad as it's long, since England with its more moderate receipts from Australia and other foreign sources seeks resupplies in this country to meet any increased demands.

The melters in New York are not as a whole willing to sell at 4% for city in hds., the basis of the latest sale; they have only their make, each week to offer, as the supply is absorbed right along despite the seeming quiet demand. They are willing to take 5% for tierces, which are not plenty.

The local soap makers are compelled to buy right along; they have been very conservative for some time, and are probably holding more moderate accumulations than usual. The soap business of the country is not especially brisk, but it is somewhat improved over its moderate showing of a few weeks' since. The coun-

try make is arriving in moderate volume, and it does not accumulate materially; the prices made show steadiness. Sales for the week of 325,000 pounds, in lots, at 4% to 5%, as to quality, chiefly with 5% as outside for prime city edible is hardly saleable over 6c., although to 6%. In instances asked; the exporters are doing little, but there is a fair home consumption. The West latterly has sold equal to about 3,000 tierces; a good deal of it was in tanks; the city renderers there in tierces is held at 5%, and the prime packers at 5%. The London sale on Wednesday showed unchanged prices, with 1,800 casks offered and three-quarters of it sold.

LARD STEARINE.—The lard refiners have been in the market this week; they found prices stronger; 250 tcs. were sold on private terms; choice has 10 bid and 10% asked.

OLEO STEARINE.—The unsettled lard market this week made buyers of stearine quieter, particularly as the business in the compounds has fallen off after the activity in them for several weeks. The pressers, therefore, are less disposed to ask an outside price. There have been sellers at 9% in New York; the compound makers find more like tiding along on their held stocks than to seek the open market for supplies. Perhaps the slight modification of views of pressers is due in part to the steady offerings of foreign attempts to sell which this week on the basis of the sales of the previous week have been unsuccessful. The Western markets keep as a pegged price 9%, but they are also very quiet; sale of 60 tcs. at 9%.

GREASE.—This market does not lose tone. It is quite firmly held, although quieter without much demand from ship-

pers. It costs relatively more money to lay the goods down from the West; the receipts therefore are light, while more or less demand here draws upon accumulations. Sales of 110,000 lbs. "A" white, 5%@5%; 75,000 lbs. "B" white, 4%@5%; 67,000 lbs. yellow, 4%; 180,000 lbs. bone and house, 4%@4%, chiefly 4%.

GREASE STEARINE.—Shippers are buying a little; the stocks are moderate and prices have firm support. White, 5%@5%; yellow, 5%.

CORN OIL.—Business is confined to small lots. The accumulations are essentially in second hands. The market prices are fairly well supported. Quotations about \$5.70 to \$6.00 for large and small lots.

LARD OIL.—Trading is very dull. The erratic pure lard market made buyers of the oil very cautious. The consumption is fair, but it is diverted, of course, to held stocks, which are understood to be of fair volume in the hands of the largest Eastern and other manufacturers. Quotations, 68@69.

Later.—On Thursday the market in New York continued quiet. Refusals were out on 150 hds. city at 4%. The weekly contract deliveries will go in at 4%. City in tierces is offered at 5% and 5% bid.

STEER ON EXHIBITION

Conron Bros., the poultry and game dealers, have consented to permit the exhibition of the fine prime, hand finished steer which will be slaughtered at the butchers' outing. The animal will be on exhibition next week at Conron's new plant, 189-191 Fort Greene Place, Brooklyn.

EXPORTS SHOWN BY STEAMERS

Following were the exports from New York to Europe for the week ending July 6, 1901, of commodities as shown by Lunham & Moore's statement:

Steamer	Destination	Oil Cake	Cheese	Bacon	Butter	Tcs. and Bbls.	Beef	Pork	Tcs. and Bbls.	Lard Tcs. and Pkgs.
Tauric	Liverpool	...	953	...	...	...	...	...	241	3,415
Germanic	Liverpool	1,615	2,351	...	...	...	...	...	...	...
Bohemian	Liverpool	1,200	2,500	...	400	100	...	250	3,500	
Etruria	Liverpool	1,160	342	...	...	...	...	...	180	...
Marquette	London	1,600	150	251	...	...	...	...	...	850
Jersey City	Bristol	...	244	...	...	...	...	...	...	...
Buffalo	Hull	653	722	1,657	...	25	25	1,300	4,102	
Astoria	Glasgow	...	1,400	899	...	...	...	...	200	...
State of Nebraska	Glasgow	...	152	403	...	61	50	...	10	100
Pennsylvania	Hamburg	750	...	5	100	...	110	65	150	1,700
Amsterdam	Rotterdam	750	...	110	...	...	150	...	740	2,526
Kensington	Antwerp	5,068	...	836	...	...	...	...	125	...
British Queen	Antwerp	4,125	...	155	...	...	50	...	220	700
Massapequa	Havre	2,063	...	25	...	...	...	...	650	0
Patria	Marseille	500	...	25	...	...	...	...	25	...
Panama	Bordeaux	...	...	...	...	...	...	...	100	1,550
Xenia	Baltic	...	...	75	...	...	20	53	355	2,475
Werra	Mediterranean	...	...	25	...	...	50	...	...	...
Pontiac	Mediterranean	...	...	...	...	...	...	...	...	...
Total		15,500	6,390	10,831	100	461	505	143	4,331	21,415
Last week		24,489	9,398	2,243	10,523	827	545	93	5,301	33,862
Same time in 1900		7,379	19,981	9,907	2,060	386	400	206	4,070	36,738

Last year's, 267 hds. tallow. Tauric to Liverpool, 150 hds. tallow. Bohemian to Liverpool, 200 hds. and 1,000 tcs. tallow. Cheese receipts from May 1, 1901 to July 3, 1901, 316,212 boxes. Cheese receipts same period last year, 373,200 boxes. Total of actual shipments, May 1, 1901, to June 29, 1901, 107,496 boxes; total of actual shipments, same time last year, 198,894 boxes.

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COTTONSEED OIL

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Quotations by the gallon, in barrels, in New York, except for crude in bulk, tank cars, which are the prices at the mills.

Weekly Review

Active Consumption of Compound Makers
-Little Demand on Open Market-Export Sources Still Under Our Market Prices-No Change in Prices
-Undertone Confident

So far as concerns the amount of business upon the New York market it is of an insignificant order. Indeed, the trade here is going through the lull of demands usual in July. By the beginning of August, if not a little before then, there should be revival of buying interest. The fact that there is little trading at present does not mean that there is abatement of consumption. It is safe to say that for about six weeks the consumption of cotton oil over the West for the make of compounds has been unprecedented in volume. We had noted the turning of demands from pure lard to the compounds as a feature that could have been expected, in consideration of the relatively high prices of the pure lard.

Previous to this week for about a fortnight, there were simply enormous sales of compounds and coupled with the good activity in them for several weeks before the distributors of these compounds are now temporarily supplied; therefore, this week there is naturally some falling off of interest in them. A point about this trading in compounds has been the wider export interest; through shipments from the West to the other side have been larger than ever before for a corresponding time. Then, again, over the West and through the Eastern channels of distribution the distributors have found the consumers working up to the position of unusually low prices of the compounds. It is possible that a small advance, or of an $\frac{1}{2}$ for the compounds this week has had something to do with temporarily diminished activity in them, in conjunction with some indifference from the fact that many distributors had made accumulations of

the compounds by their recent active buying. Then, again, because of the advance for the compounds this week some distributors are figuring around trying to get hold of "resales," and there is just now that much loss of trade from first hand sources. The tendency of consumers of lard to take the compounds is of marked importance in connection with cotton oil at this season of the year, because of the slow movements in the oil on export account. While it is true that the compound makers are not as yet, as a whole, forced into the market to resupply with the oil, yet it is clear that their supplies are falling off in greater degree than they had expected, and that the probabilities are that many of them will be compelled to buy the oil at an earlier period than looked for. Indeed, some of these compound makers have been figuring latterly over holdings of the oil in first hands, feeling that cotton oil is not likely to be lower in price, while in the event of the business in compounds keeping up that there will be urgency over getting the oil to sending the prices for it materially higher. Indeed, calculations are made of better prices for cotton oil next month, if not before then, and essentially because of the wants of our home consumers, and as well in consideration of the moderate stocks of the oil in first hands. This feeling works independent of possibilities concerning export requirements of this oil.

If material export inquiry should come along, of course, a still greater advantage would be had by sellers. Our own views concerning developments of export trading are as follows: that England is likely to be a buyer of cotton oil some time this or early next month; that it is now getting very little Egyptian seed, and that it will require more or less of the oil from this country to piece out for its regular demands, and that Marseilles, when it finds England buying here, will be a little anxious itself for supplies upon our markets. It is well known that Marseilles is carrying much less soap material than usual at this time of year, that it really needs resupplies, but like all foreign markets is inclined to be conservative, while deferring important buying until the last moment in hopes of something turning up to modify what it considers extreme views over prices. Beyond this probable England and Marseilles demand, we are not expecting much from foreign sources in the way of calls for supplies here, this side of new crop deliveries. It looks, however, as though apart from a material export demand that the sup-

plies of cotton oil would be exhausted in this country before the new crop appeared. It is quite certain that the dullness in trading upon the open market, which has prevailed for two or three weeks, does not shake holders' views over prices. Indeed, it is quite difficult to buy round lots at what is generally considered market prices, and holders of nice bleaching grades are particularly confident over their value. The only indication of desire to sell has been shown on some small lots on the dock, which had been cleaned up by the mills and sent forward to sell at once at the best prices obtainable; these have been offered at 38 on the dock, for a prime yellow grade and 300 bbls. sold at that.

That price would be paid for large lots, and at least 39c. is asked. The European markets on important lots are from 1c. to 2c. under the asking prices here, yet they give some orders for small lots within $\frac{1}{2}$ c. of our market prices. There are bids from shippers of 36c. for good off grade yellow. The linseed oil position in Europe is strong, but it is hardly working with the excitement in this country. Liverpool, at this writing, quotes linseed oil 34s. 3d., and London, 32s. Of course, it is possible that the linseed oil markets on the other side may exert before long more marked influence upon cotton oil, to bring orders for off grades of the latter from continent sources, as many of these continent points of consumption will have oils at any price in preference to tallow and grease, being accustomed to them. While tallow has been sold at a little easier price this week in New York, because of temporary dullness of trading, we regard the undertone of the tallow markets, as well as those for grease, over the country, as very good, and that their positions are likely to do better in the near future. It is a fact that tallow for some time has been closely brought up to its productions, that the consumption of it is large, steadily for the make of soap and other manufactured goods, that edible grades of it and other prime stock are urgently wanted, and that when the market sags only a little that the English shippers become buyers; therefore, that the tones of tallow and greases are not likely to bear by sentiment against cotton oil. Of course, tallow is cheaper in its relation with cotton oil than usual; this, however, has no significance in connection with cotton oil at this time of the year, and the character of the demands prevailing, notwithstanding it is the habit to speak of respective values for products.

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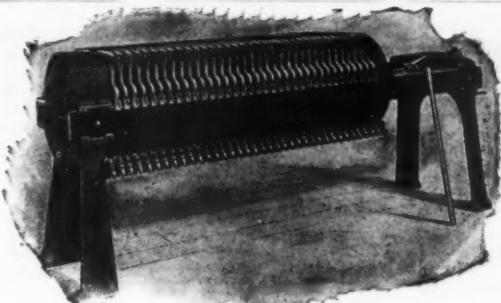
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There is further desire on the part of the foreigners to figure over the new crop oil deliveries, and even the Western people would pick up contracts when offered on the basis of a few late sales; but as we have before remarked, not many mills care as yet to consider demands for next fall deliveries, as a good deal could happen to the cotton crop, while they would hardly succeed at this early period in protecting themselves in buying seed; therefore that they would be compelled to take speculative chances. The trading basis for the fall deliveries had been 25c. for crude in tanks, as had been noted. The winter yellow grade in New York, on the

spot, is held at 44c., and white at 43@44c.

The consolidation of mills steadily going on in the interest of the Virginia-Carolina Chemical Co. is not checking business in the oil.

When a sufficient number of plants have been obtained for the purpose of getting fertilizer stock, it is believed the consolidating will stop. In other words, that there is no intention to control the cotton-oil interest, but simply that the largest fertilizing company of the south is getting sources of supply of material to make it independent of allied commodities which had for a long time been furnished by the western packers.

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RETAIL DEPARTMENT

A SUIT IN BANKRUPTCY

The Cleveland Provision Company has raised some points in the new bankruptcy law. One of this company's customers sold his place and had the notes made payable to a friend, thus eliminating the customer from the transaction. The company made some indefinite charges about a punishable offense. The court asked the plaintiff to be specific about the alleged punishable offense. What the business public is interested in is the forthcoming decision of the court which will validate or invalidate such a sale and such notes. You may feel that the whole transaction is a fraud, but you must know it and prove it or your belief is of no avail. If the notes are void the procedure is plain.

MUST EXHIBIT THEIR HIDES

The new Nebraska meat law makes the slaughterer to, after July 1, exhibit the hide of the steer when required to do so by the shop butchers before the carcass is paid for. This is now a market man's inalienable right. This new law does not say how a packer can exhibit four hides for each steer—one for each quarter—if the butcher should demand the hide of each purchaser.

AN ICE STORY

Ice is a summer topic. It warms up a bit when the price of it is sometimes mentioned. A Chicago mechanic says that he can make solid blocks of ice at 10c. per 2,000 lbs., and eight times as quick as is now taken for the 60c. per 100 lbs. article. Well, why don't he do it and let us have the ice at \$1 a ton and say no more about it? While this liberator is raising our hopes another Chicago man, who got mad at having his 100 lb. ice block melt to 50 lbs., worked out a scheme to get full weight from the ice man these hot days. By the way, this man was a woman, and the ice man says that she is about the warmest proposition on beat; especially when she has some ninety other friends working on her formula. This is the formula for getting the full weight of the ice you buy:

Measure your block of ice and multiply the three dimensions—width, breadth and length—as expressed in inches, and then divide the result by 30. The quotient should represent the number of pounds the block will weigh.

"For several weeks my fifty-pound block of ice weighed only about forty-one pounds," said a lady, "but after I exposed the shortage two or three times the ice man has been bringing me full weight. It is a simple little rule, which every housewife should learn for her own protection. The ice men are required by city ordinance to carry scales, but for all that I have never seen one of them weigh a piece of ice he was delivering."

Down in Baltimore another ice genius is working out the hard water problem. He makes vacuum ice. This is how he does it:

This ice is made by exhausting all the air from large tanks, thus creating a vacuum, and then admitting filtered water into the vacuum tanks. The product is white, not unlike loaf sugar, minus the crystals.

The appearance of the vacuum ice is explained by the fact that it is frozen whilst the water is in constant agitation, being sprayed directly into the freezing chamber, and not whilst in a solid body, as is the case with natural or ammonia ice. It is stated that the plant has a capacity of about 100 tons daily. The ice is formed in the shape of a hollow cylinder, the frozen product weighing about 3,200 pounds, and is sawed into 16 blocks of commercial size by a revolving saw and afterwards trimmed.

But what the consumer wants is a financial genius who can tell him how to juggle the ice bill out of the way or reduce its robustness.

GREATER NEW YORK ITEMS

** Frank Kolhein, after chasing his clerk and another man from his butcher shop at 423 Bloomfield street, Hoboken, with a saw, ran into his ice box and tried to whack and saw himself to pieces.

** Henry Hammel, the butcher at 347 E. Forty-sixth street, fell from his fourth-story window Saturday morning and fractured his skull. He was sleeping at an open window.

** Armour & Co. have filed a judgment for \$149 against Frank Corbin.

** A judge's order has been signed for the distribution of the assets of the Market Ice Company.

The New York Board of Health reports the amount of meat seizures for week ending Wednesday, July 10, 1901: Beef, 2,350 lbs.; veal, 4,330 lbs.; mutton, 360 lbs.; poultry, 8,860 lbs.; pork, 2,680 lbs.; assorted meats, 600 lbs.; total, 19,180 lbs.

** President T. H. Wheeler, of the T. H. Wheeler Co., and director of the G. H. Hammond Co., has gone West and will be absent some time.

** Charles Oser, of 38 First avenue, is retiring from business on August 1. He has been in the market line some time.

** D. L. Stevenson & Co. have opened a meat and provision market at 519 Broadway, Astoria.

** The freight handlers on one of the roads got a bit "mulish" last week, and stalled freight so provisions went up.

** A man walked up to the storage room of the Arctic Freezing Company's place and asked for permission to cool off for an hour for hay fever. He is said to have been a meat man.

** Vice President Fred Joseph, of the

Schwarzschild & Sulzberger Co., is back from Europe after a long and a pleasant vacation trip.

** Manager Finckeldy, of J. S. Bailey & Co., keeps the ball rolling right along at a lively gait. He makes eaters happy all over the world.

LOCAL AND PERSONAL

** The Norwalk (Conn.) Poultry Company is branching out. Two new 100-ft. laying houses and a new 25-ft. brooder have been added.

** The Philadelphia Crab market gets 2,000 lbs. of frozen crab in cans daily. This is worth \$1 per gallon. They come from Maryland in trains at night.

** Frank Cook, the well known butcher at Covington, O., got blood poisoning in his arm and had to have it amputated to save his life.

** The Health Board of Wilkinsburg, Pa., is hot after the butchers there for throwing refuse in the creek. Peddlers without licenses must get off the earth. They will be hounded out of the place.

** A daily paper referred to the big fire at A. A. Jewett & Co., in Philadelphia, Pa., last week as "A \$300,000 barbecue."

** An Italian butcher named Antonio Boleo was robbed and killed near Conemaugh furnace, Latrobe, Pa., for his money last week.

Must Cut the Heads Off

The new Pennsylvania meat law, effective on June 20, of this year, preventing the importation and sale in Pennsylvania of dressed carcasses of lamb and sheep with the hoofs on. The penalty for violation is a fine ranging from \$100 to \$300, and for additional offenses imprisonment of from sixty days to one year.

The man who introduced this bill is a butcher, and he claims that it is in the interest of the public health. Possibly.

New Shops

Mr. Parker has re-opened his meat market at Goshen, Va.

Melton H. Allen has re-opened the meat market at Saugatuck, Conn.

Mr. Burkett opened his market at Emporia, Kan., July 1.

Walter Sprecher is longing to get in his new meat market premises, which are nearly completed at Five Pointsville, Pa.

Platts meat market was "raised" at Bridgeport, Conn., last week. The refreshments served were fine.

R. Winard is the new butcher at Port Jervis, N. Y. His market is running well.

Business Changes

Frank Carlton is now sole owner of the meat market at Granville, N. Y., having purchased the interest of his partner, C. H. Carlton.

John Burke is the present owner of Burke & Dinslow, at North Elm street, Westfield, Mass. It is now Burke Bros.

Emmons Brothers have discontinued their butcher shop at Matawan, N. J., and have gone back to farming.

Lewis Green, of Batavia, N. Y., has bought the meat market of Fred David at Dundee.

A. LESTER HEYER, CURER, SMOKER AND PACKER

High Grade Hog and Beef Products, Mild Cured Ox Tongues. Breakfast Bacon, Hams, etc.

LARD REFINER

318 and 320 EAST 39th STREET, NEW YORK CITY. No Connection With Any Other House

HO! FOR BUFFALO!



THURSDAY, AUGUST 8th

IS

BUTCHERS' AND MARKETMEN'S DAY

AT THE

PAN-AMERICAN EXPOSITION



THIS IS YOUR OPPORTUNITY

The Director-General of the Pan-American Exposition has designated Thursday, August 8, as "Butchers' and Marketmen's Day," and he has requested the editor of the National Provisioner to take charge of the details and to arrange the program for the occasion. The Hon. William I. Buchanan, Director-General of the Exposition, after a pleasant correspondence, makes his request in a letter to us, and in it he shows his desire that the day should be a success. His letter of request is as follows:

"Colonel JOHN F. HOBBS,
"Editor The National Provisioner,
"150 Nassau St., New York.

"Dear Sir:

"I beg to state that August 8 is designated as 'Butchers' and Marketmen's Day,' and, if it meets with your approval, will you undertake the preparation of a program and see that special efforts are made to make the day a successful day at the Exposition?

"Very respectfully yours,

"WM. I. BUCHANAN,
"Director-General."

It is particularly appropriate that the date above named should be selected, as the Eastern National Retail Butchers' Mutual Protective Association will hold its annual convention at Tonawanda, a suburb of Buffalo, on August 6, 7 and 8. This will enable all of the delegates to visit the exposition under the most auspicious circumstances.

Though the date named is the last day of the convention, it will in no way interfere with the business to be transacted, as there will be ample time to visit the exposition after adjournment.

PROGRAM TO BE ARRANGED

The day, however, will not be confined in its privileges to the delegates, but is open to all butchers and marketmen from all parts of the country, and every effort will be made for their accommodation and comfort.

The details of the program will be arranged by The National Provisioner, as requested by the Director-General, and no pains will be spared to make it as full as the short time which elapses will permit.

Big Attendance Wanted

This day will be the great opportunity for butchers and marketmen to view the beautiful exposition and have fitting honor paid them. Every one who can do so should make an effort to attend and show what a big thing marketdom is. We hope that the trades will show that they appre-

ciate the recognition shown them by the authorities of this great exposition and attend in large numbers.

Leave the meat block for a few days and enjoy yourself at Buffalo. It is fine there at this time of the year. You can do it at this season better than at any other because the summer business is slack. You will come back knowing more and feeling better.

Niagara Falls

Besides there is the side trip to Niagara Falls, less than an hour's ride from Buffalo on a trolley car. It is worth a trip from the "under side" of the earth. See these things! They give you an idea of the immensity of nature as well as of business possibilities. They take the cob-webs out of your eyes, refresh your brain and

make you a thinking as well as a working machine. You can never make the trip at a less cost than now and never get so much into it. It is more than worth your while to go to the great Pan-American.

Forget Business

Make up your mind to go for this day, get your business in shape for it, board a train at the proper time, forget about the shop, and tell the conductor you are going to "get off at Buffalo."

Any inquiries to the National Provisioner will be at once answered. Be a committee of one and help us make a big day of it.

In writing us address The National Provisioner's Pan-American Bureau Room 1508, 150 Nassau street.

WILLIAM SIMPSON

22, 90, 91, 92, 93 St. John's Market,

LIVERPOOL, ENGLAND.

Established 1870.

Cable Address: "Java," Liverpool.

Also The Lairage, Birkenhead,
Manchester and Hamburg.

CONTRACTOR AND COMMISSION AGENT for all kinds of Beef and Hog Products. Consignments Solicited. Having the largest connection throughout the United Kingdom with the buyers, users and manufacturers of all packinghouse products, I can handle these goods to the fullest advantage and benefit of consignors. Bankers: HILL & SONS, London and Liverpool.



We offer Superior Copper Finished Steel Meat Tag Barbs, packed one hundred thousand in a case at 10c. per thousand. F. O. B. Buffalo.

HELLRIESEL & COMPANY,
Manufacturers, East Buffalo, N. Y.

JOHN JAMISON,
Established 1849. Water and Market Streets,
Packinghouse, 138 and 140 N. Delaware Ave., Philadelphia.
Commission Merchant,
BUTTER, CHEESE, EGGS, POULTRY,
Provisions, Salt Fish, Salt, Etc.

FOR SALE OR LEASE

Stockyards, up-to-date abattoir, cold storage and ice plant for sale or lease, at large Western river and rail terminal. Replies to F. W., Box 29, care of THE NATIONAL PROVISIONER.

JOHN R. ROWAND,
MANUFACTURER OF
CHARCOAL

Re-Carbonized, Pulverized and Granulated
For Chemical, Rectifying and Foundry Purposes;
also for Ice Manufacturers a specialty.

ENTERPRISE MILLS, CLEMENTON, Camden Co., N. J.
REFERENCES: U. S. Mint, Rosengarten & Sons, Stuart, Peterson & Co., Philadelphia, Warehousing and Cold Storage Co., Philadelphia.

Philadelphia, Pa., March 3, 1898.

Mr. John R. Rowand.

Dear Sir: We have been using your Re-carbonized Granulated Charcoal for a long time, and cheerfully add my testimony as to its quality and cleanliness, effectiveness as a filtering.

Yours truly, JOHN W EDMUNDSON,
Chief Engineer Philadelphia Warehousing and Cold Storage Co.

Advertising

is to Commerce what Steam is to Machinery—the great propelling power, and THE NATIONAL PROVISIONER is the powerful medium for pushing your business among its trades.

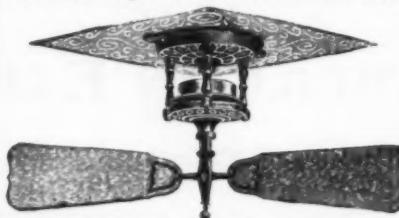
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ESTIMATES FURNISHED. CONTRACTS EXECUTED.

Asbestos Paper and Packings. Mineral Wool. Trade Supplied.

ROBERT A. KEASBEY, 83 Warren Street, New York, and 13 Terrace, Buffalo, N. Y.

We carry in stock a full line of



HUNTER FAN & MOTOR CO., Fulton, N. Y.

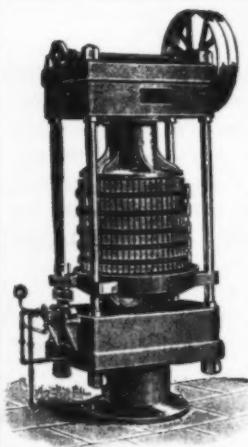
**BELT and
ELECTRIC FANS**
and also
WATER MOTORS

For Running Belt Fans.

For Descriptive Catalogue and Prices
send to **JO JO JO JO JO**

HYDRAULIC SCRAP PRESS.

Three Sizes by Hand or Power.



Doors Swing open to remove crackling.
Follower swings back to uncover hoop when putting
in scrap.

Full pressure at any point.
No blocking required.

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CATALOGUE.

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362 W. Water Street, Syracuse, N. Y.
New York Office, 209 Greenwich Street.

Cottonseed Oil Machinery

MODERN GINNING SYSTEMS

Write for Catalogue

E. Van Winkle Gin & Machine Works

ATLANTA, GEORGIA, U. S. A.

Local Oil Mills and Ginneries Combined

W. G. RICKER, 19 Montrose Street, Rochester, N. Y.

**COLD STORAGE AND
REFRIGERATING ROOMS**

Haying Tools, Hand Hoists and Overhead Tracking for Cold Storage and Warehouses



Direct Electric
Hydraulic
Passenger

ELEVATORS

Freight
Sidewalk
Carriage

AMONG THE ASSOCIATIONS

The Butchers' Union (clerks) is closing up the "boss" butchers' shops at Denver on the early closing plan.

The Retail Merchants' Association—retail butchers' section—of Toronto, Can., has its Credit Reporting and Collecting Department Committee busy making out the "Bad Pays" list of the members. Its size is astounding. A monthly delinquent list will be made out. In the mean time the association will hustle itself together and help entertain the Duke and Duchess of Cornwall.

The Retail Butchers' Union members who struck at San Francisco, Cal., recently because the dealers would not display union cards have cooled down and gone back to work quietly.

In the parade of the Butchers' and Grocers' Association, at Fort Worth, Tex., one of the banners bore this inscription: "Shorter hours elevate your business; long hours degrade it."

The shorter work day is becoming more popular all over this country.

The butchers and grocers, of Lowell, Mass., have their annual outing on July 25. The outing will be at Willowdale.

The Washington, D. C., Butchers' Abattoir Co.—known as the Washington and Virginia Stock Yards and Abattoir Company—has met, organized and elected the following officers: President, William G. Carter; vice president, Charles E. Ebel; treasurer, J. E. Donovan; secretary, Louis P. Krey. These, together with Lewis Hoffmeyer, William F. Hunt, R. A. Golden, and Charles W. Botsch, comprise the board of directors.

The Merchants' and Butchers' Association, of Colorado Springs, Col., will go to Rosemont on the 18th on an excursion. There will be a good old time.

About a third of the capital of the Virginia Stock Yards and Abattoir Company just across from Washington, has been subscribed. This is a proposed abattoir of District of Columbia butchers. The Washington Association is back of it. It is proposed to raise \$50,000.

The Butchers' and Grocers' Association of Kalamazoo, Mich., decided to have the annual outing on July 23. The place for the picnic has not been chosen.

Muskegon, Mich., grocers and butchers will unite in a monster picnic at Mona Lake park, the new resort, August 8. They will have two balloon ascensions, two bands and speeches.

You've Heard of Paris Restaurants

Our consul at Paris, France, says:

"The annual report concerning the food supply of Paris for 1900 contains some interesting figures. Here is the official average of what a Parisian eats and drinks in one year: Two hundred and forty-two eggs, 19.62 pounds of butter, 3.05 pounds of ready-cooked butcher's meat, 34.92 pounds of fish, 154.70 pounds of beef, 25.38 pounds of pork, and 27.83 pounds of fowl and game.

"This gives a daily average of two-thirds of an egg, 380 grains of butter, 57.12 grains of ready-cooked butcher's meat, 669 grains of fish, 6.81 ounces of beef, 1.11 ounces of pork, and 1.21 ounces of fowl and game.

"The Parisian drinks in a year 1.89 gallons of alcohol, 3.07 gallons of beer, 1.48 gallons of cider, and 44.9 gallons of wine. This gives a daily average of 0.0387 pint of alcohol, 0.067 pint of beer, 0.0334 pint of cider, and 0.99 pint of wine."

MORTGAGES, BILLS OF SALE AND BUSINESS RECORD

Butcher, Fish and Oyster Fixtures
The following Chattel Mortgages and Bills of Sale have been Recorded

BOROUGH OF MANHATTAN.

Mortgages.

Drisen, A., 331 E. 5th; to L. Heinsfurter	\$100
Kampler, J., 2051 2d ave.; to L. Heinsfurter	50
Morrovitz, J., 1612 1st ave.; to N. Marrovitz	200
Milner, F., 217 Willis ave.; to J. Geiger	400
Riecker, C., 1809 2d ave.; to Anna M. Eich	350
Schwahn, N. C., 1752 2d ave.; to L. Heinsfurter	125

Bills of Sale.

Eich, J. G., 1811 2d ave.; to C. Riecker	600
Geiger, J., 217 Willis ave.; to F. Miller	1,340
Pape, M., 2132 Washington ave.; to Globe Security Co.	75
Ruggrien, V., 24 Baxter; to Globe Security Co.	100

BOROUGH OF BROOKLYN.

Mortgages.

Kelly, R. J., Enfield St. & Blake ave.; to Mell Bros. (Cons.)	1,175
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Bills of Sale.

Fehleisen, Rosene, 424 Classon ave.; to J. Fehleisen, Jr.	nom.
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** The New York Board of Health reports the amount of meat seizures for week ending Wednesday, July 3, 1901: Beef, 6,930 pounds; veal, 6,120 pounds; mutton, 2,460 pounds; poultry, 9,830 pounds; pork, 6,166 pounds; ass't'd meats, 200 pounds. Total, 31,706 pounds.

Grocer, Delicatessen, Hotel and Restaurant Fixtures

The following Chattel Mortgages and Bills of Sale have been Recorded

BOROUGH OF MANHATTAN.

Mortgages.

Cohen, L., 135 Clinton; to H. Goldstein	200
Greenberg, I., 298 Delancey; to H. Goldstein	150
Herzlich, M., 149 Spring; to S. Levin	200
Kleiber, Sam., 82 Delancey; to H. Rieger	147
Miller & Grossman, 778 7th ave.; to M. Price	275
Miller, M., 90 to 96 Clinton; to G. Wyner	2,000
Strothman, F., 324 Greenwich ave.; to A. Strothman	2,000
Schoenfeld, I., 2466 Houston; to S. Harris	300
Weinkrancz, H., 240 Rivington; to D. Cooper	100
Wald & Meran, 71 Mercer; to V. Meran	540

Bills of Sale.

Blomgren, G., 174th st. and Washington ave.; to C. Enoch, B., 229 Columbus ave.; to H. Enoch Allen	375
Zins, Ed., 1962 3d ave.; to S. & M. Markovitz & Co.	500

BOROUGH OF BROOKLYN.

Bills of Sale.

Alfano, P., 43 Havemeyer; to M. Gaiman	500
Baldwin, G. C., 48 Smith; to E. H. Baldwin	nom.
Flick Bros., 384 Pacific; to J. F. Hotteens	6,700
Lustig, J., 1086 Manhattan ave.; to N. Nathanson	475



\$1000.00 IN GOLD

IF YOU MAKE YOUR OWN PORK SAUSAGE

In Gold Will Be Paid by Us to Any Person Who Will Prove FREEZE-EM is Not the Best Known Preservative for Pork Sausage and Chopped Beef.

IF YOU MAKE YOUR OWN PORK SAUSAGE

and have never used FREEZE-EM in it, write us at once for LARGE FREE SAMPLE BOTTLE.

By the use of FREEZE-EM, Pork Sausage and Hamburg Steak retain their Perfectly Fresh Appearance and they can be exposed on a counter for a Long Time, without being affected by the changes of the weather. Roasts, Loins, and All Cuts of Meat can be kept Fresh and Wholesome in any climate. FREEZE-EM can be used with Surprising and Pleasing Results in the Washing of Poultry and Meats that have become Slightly Tainted. Butchers who have tried FREEZE-EM say that it saves them TEN TIMES ITS COST.

Do not neglect to write us, TO-DAY, for LARGE SAMPLE BOTTLE, with FULL INSTRUCTIONS FOR USE, FREE, ALL CHARGES PREPAID.

B. HELLER & CO., Mfg. Chemists, 249 S. Jefferson Street, CHICAGO, U.S.A.

In purchasing FREEZE-EM from jobbers Beware of Fraudulent and Worthless Imitations.

Cable Address,
"Rabbits, Liverpool."

A. B. C. Code,
4th Edition.
Reference, the Bank of Liverpool, Limited.

ISAAC GRACE, Jr.

353, 356, 357, 358 St. John's Market

LIVERPOOL

POULTRY SALESMAN, ALSO COMMISSION AGENT
FOR ALL KINDS OF POULTRY AND GAME

Having the largest connection with the principal buyers of Poultry throughout the United Kingdom, I am in a position to handle these goods to the best possible advantage, and to the greatest benefit of consignors.

CORRESPONDENCE INVITED

CONSIGNMENTS SOLICITED

Any information readily given as to packing weights and qualities most suitable for the English market.

ST. LOUIS LIVE STOCK REVIEW

The receipts during the week ending July 10 were as follows: 21,861 cattle, 33,133 hogs and 7,606 sheep, against 22,168 cattle, 44,705 hogs and 22,335 sheep received during the previous week.

CATTLE.—Heavy receipts last week and hot-dry weather has had a depressing effect on values, and all classes and grades have suffered a sharp reduction since the week before. The best beef steers declined last week 10 to 15 cents; good to medium ones, 15 to 25 cents, and common kinds, 25 to 40 cents. Butter cows and heifers went off 25 to 35 cents; stock steers and feeders 35 to 65 cents, according to quantity; bulls 10 to 20 cents, and milkers, \$4 to \$5 per cow and calf. Veal calves maintained a top of \$5.50 per head up to the close.

HOGS.—The usual run of hogs arrived last week, and they were reasonably good in point of quality, but did not include many choice heavy grades. Prices ruled about 5 cents higher on the medium and heavy hogs, but the pigs and only fair grade lights showed no improvement, while good lights were only a shade better.

SHEEP.—The market is now on the lowest basis of several years, and during the first half of last week was glutted and demoralized. This condition has been somewhat relieved by the fact that the clearance of mutton stock is about complete, but prices are no better and buyers are pretty well filled up, especially on lambs. Good to choice grades find ready sale, but medium and fair kinds are a drug on the market.

Provision Market

The receipts during the week ending July 10 were: Hams, 129,400 lbs; meats, 5,529,000 lbs; lard, 665,500 lbs., and 15 bbls. pork.

Stronger all round, though pork, boxed meats and green hams showed no change; but spot lard was higher.

PORK, F. O. B., IN A JOBBING WAY.—Quote at \$15.50 to \$17.75.

LARD.—Choice clean on East Side closed nominally at 8.42 1/4c.

TALLOW.—Firm; country selling mainly at 4 1/4c. for current receipts grassy summeats and green hams showed no change; choice held at 5 1/4c.

OLEO—STEARINE.—Firmly held at 9 1/4c.

HIDES.—In scant offering and very firm.

PATENTS AND TRADE-MARKS

677,335.—ELECTRIC SOLDERING DEVICE FOR CAN-CAPPING MACHINES. Julius H. C. Buerstette, Manitowoc, Wis. Filed Sept. 17, 1900. Serial No. 30,216.

677,337.—MEAT OR VEGETABLE CUTTER. Murdick Cameron, Duluth, Minn. Filed Jan. 25, 1901. Serial No. 44,659.

677,368.—PROCESS OF MANUFACTURING LEATHER. James C. McConnell, Cornelia, Ga. Filed Nov. 13, 1900. Serial No. 36,421.

677,380.—REFRIGERATOR. William Thomas, Pittsburgh, Pa. Filed Jan. 10, 1901. Serial No. 42,786.

677,416.—EVAPORATING PAN. Isidor Kitsee, Philadelphia, Pa. Filed Feb. 26, 1900. Serial No. 6,599.

677,425.—UNHAIRING MACHINE. John C. Rothe, Brooklyn, N. Y., assignor to Joseph Goldin, Samuel Rosenthal, Meyer Wolfsohn and Jacob Schreiber, New York, N. Y. Filed Oct. 22, 1900. Serial No. 33,857.

677,473.—VEGETABLE CUTTER. Richard E. Royal, Tell City, Ind. Filed Oct. 8, 1900. Serial No. 32,425.

677,526.—WEIGHING MACHINE. John Manes, San Francisco, Cal., assignor, by direct and mesne assignments to Suspension Beam Scale Co., of California. Filed Dec. 19, 1900. Serial No. 40,428.

677,536.—INDIRECT AIR-CIRCULATING SYSTEM FOR COLD STORAGE APPARATUS. Madison Cooper, Minneapolis, Minn. Filed Nov. 19, 1900. Serial No. 36,966.

677,587.—OAT STOCK-FEED AND PROCESS OF PRODUCING SAME. John D. Nagel and Henry R. Nagel, Bushnell, Ill. Filed April 3, 1900. Serial No. 54,195.

677,702.—PULVERIZING MILL. William M. Russell and Frank P. Bixon, New York, N. Y. Filed Aug. 20, 1897. Renewed Dec. 10, 1900. Serial No. 39,280.

677,845.—REFRIGERATION SYSTEM. Clyde J. Coleman, Chicago, Ill., assignor, by mesne assignments to Clarence W. Coleman, same place. Filed Jan. 12, 1900. Serial No. 1,199.

36,680.—CERTAIN NAMED FOOD PRODUCTS. The Mattie Mitchell Co., Cleveland, Ohio. Filed Sept. 1, 1900. Essential feature: A long narrow field with a central enlargement and projecting cereals. Used since 1885.

36,681.—CANNED GOODS. Stone-Ordean-Wells Co., Duluth, Minn. Filed May 17, 1901. Essential feature: The representation of the moon in the last quarter surrounding the face of an Indian in profile and an uplifted right hand and forearm and a tomahawk. Used since March 6, 1901.

36,683.—CANNED GOODS. Stone-Ordean-Wells Co., Duluth, Minn. Filed May 17, 1901. Essential feature: The word "Nokomis." Used since March 6, 1901.

36,683.—COMPRESSED FOODS. The American Compressed Food Co., Passaic, N. J. Filed Feb. 10, 1900. Essential feature: The representation of an eagle. Used since February, 1898.

36,684.—COMPRESSED FOODS. The American Compressed Food Co., Passaic, N. J. Filed Feb. 10, 1900. Essential feature: The representation of an eagle. Used since November 1, 1898.

INSPECTION ENGINE FOR THE BURLINGTON

A curious-looking piece of machinery is the new inspection engine turned out for the Chicago, Burlington & Quincy Railroad. It is a combination of a locomotive and passenger car, the car being set on and around the engine boiler, so that from the windows at sides and front the roadbed can be inspected by the railroad officials to the greatest advantage. It might appear such near proximity to the boiler would mean uncomfortable warmth, but this is avoided by an extra thickness of "plastic lagging," as it is called, a non-conductor of heat, in connection with an air chamber between this and the floor of the car. The machine is lighted with electricity, even to an electric headlight, and ten lights distributed under the engine to afford light when oiling. It will be used constantly on all inspection trips.

CHICAGO MARKET REVIEW

WESTERN OFFICE OF
THE NATIONAL PROVISIONER.
ROOM 424 RIALTO BUILDING.

Live Stock
Receipts.

	Cattle.	Calves.	Hogs.	Sheep.
Thursday, July 4 Holiday...	4,463	351	14,576	10,960
Friday, July 5...	440	94	6,456	1,132
Saturday, July 6...	23,051	598	24,854	20,656
Monday, July 8...	4,116	904	12,812	2,771
Tuesday, July 9...	17,000	700	22,000	15,000

Shipments.

	Cattle.	Calves.	Hogs.	Sheep.
Thursday, July 4 Holiday...	3,241	20	4,670	1,729
Friday, July 5...	581	16	2,019	279
Saturday, July 6...	5,816	94	7,235	849
Monday, July 8...	2,616	5	4,368	642
Tuesday, July 9...	5,000	60	7,000	1,500

Range of Cattle Values

Prime heaves, 1,000 to 1,600 lbs...	\$6.00 @ \$6.30
Good to choice h'v's, 1,200 to 1,600 lbs...	5.45 @ 5.95
Fair to medium shipping ex. steers...	5.00 @ 5.50
Plain to common beef steers...	4.50 @ 4.90
Common to rough, 1,000 to 1,200 lbs...	4.00 @ 4.35
Good to f'cy feeders 800 to 1,200 lbs...	3.75 @ 4.50
Plain to fair light stockers...	2.00 @ 2.65
Bulls, poor to fancy...	2.25 @ 4.50
Good fat cows and heifers...	3.15 @ 5.00
Good cutting and fair beef cows...	2.40 @ 3.00
Common to good canning cows...	1.40 @ 2.35
Veal calves, fair to fancy...	6.00 @ 6.50
Stock calves, common to fancy...	2.50 @ 4.50
Fed Western steers...	4.50 @ 6.00
Texas steers...	4.00 @ 5.10
Texas cows, bulls and plain steers...	2.50 @ 3.00

Range of Hog Values

Choice to ex. strong-wt. shipping...	\$1.07 1/4 @ \$1.20
Butcher good heavy packing...	5.45 @ 6.07 1/4
Selected butch. weight...	6.05 @ 6.15
Plain to choice heavy mixers...	5.90 @ 6.10
Adjusted light, 150 to 180 lbs...	5.90 @ 6.05
Common to fancy light mixers...	5.85 @ 6.07 1/4
Thin to choice 80 to 110 lbs pigs...	4.25 @ 5.50
Culls, stags and throwouts...	3.00 @ 3.75

Range of Sheep Values

Export muttons...	\$1.10 @ \$1.35
Good to prime wethers...	5.70 @ 4.00
Medium to choice mixed natives...	5.30 @ 5.85
Good to prime Western muttons...	5.30 @ 4.10
Fair to choice fat lambs...	5.30 @ 3.45
Plain to choice weanling lots and feeders...	5.25 @ 3.25
Plain to choice yearling feeders...	3.25 @ 3.75
Good to fancy yearlings...	3.85 @ 4.35
Poor to fair clipped lambs...	3.75 @ 4.60
Good to fancy clipped lambs...	4.65 @ 5.00
Spring lambs, good to choice...	5.10 @ 5.75

Packer's Purchases Last Week

	HOGS.
Armour & Co.	26,000
Anglo-American	11,800
Boyd-Lunham & Co.	5,500
Continental Packing Co.	3,000
F. T. Morton & Co.	5,400
G. H. Hormel & Co.	3,500
Nelson Morris & Co.	6,500
Swift and Company.	20,000
Omaha Packing Co.	10,000
City butchers	4,500
Total.....	97,000

Live Stock Notes

The average gross weight of the live hogs received at Chicago last week, was 232 lbs., against 234 lbs. a year ago and 231 lbs. week before last.

Exports of hog products last week: Pork, 2,240 bbls.; lard, 7,955,000 lbs.; meats, 28,988 boxes. Last year: Pork, 9,770 bbls.; lard, 14,530,000 lbs.; meats, 29,903 boxes.

Average weight of the 4,002,483 hogs received at the Chicago stock yards the first six months of 1901, 226 lbs. against 226 lbs. the same period in 1900.

W. H. Thompson, Jr., president of the National Live Stock Exchange and a score of other prominent stockyards are circulating a petition, which will be sent to President McKinley, asking that the opening of this Indian land be post-

poned until Oct. 1, which will enable the cattle owners to arrange for marketing the stock. T. S. Hutton, E. B. Hanold, Sam Davidson and S. B. Burnett, in the West, are getting signatures to the petition. It will be forwarded to the President Saturday. On these reservations 200,000 head of cattle are grazing. They are in an immature condition, and almost wholly unfit for market. These cattle are owned by several western cattle kings, whose leases of this Indian pasture expired July 6. The contention made by the live stock men is that if these cattle are forced on the market in August they will cause a wholesale slaughter of prices and perhaps be the ruination of some of their owners. They will also spread disease in certain forms and do untold damage. They cannot be driven into Texas for want of pasture, nor taken north owing to the federal and state quarantine law now in force.

In reference to the question whether the President's proclamation opening Indian reservations means that cattle must be cleared out by August 6 next, Secretary Hitchcock said: "Any cattle remaining on the Witchita and Kiowa reservations will be at the owner's risk after Aug. 6. After that date the department will, as far as practicable, permit proper use of Kiowa pastures set aside for use of the Indians on such pro rata basis in terms as will be fair to the Witchita and Kiowa cattlemen."

The Drovers' Journal's cablegram from Liverpool quotes the cattle market strong, with sales at 12@12½c, against 11½@12½c, last week and 12½@13½c a year ago.

Last week only 4,240 car loads of live stock were received at the Chicago stockyards, being the smallest week's total of the year. The Northwestern road led with 920 cars, against 950 a year ago; Burlington 802, against 775 a year ago; Milwaukee 699, against 758 a year ago; Rock Island 430, against 354 a year ago.

The following table gives the number of car loads of live stock received at the Chicago stockyards the first six months of 1901, compared with car receipts the same period of 1900:

	1901.	1900.
Northwestern	34,863	31,461
Milwaukee	27,580	25,197
Burlington	24,088	25,163
Illinois Central	14,798	15,113
Rock Island	13,450	13,280
Great Western	4,214	4,584
Wabash	4,234	4,178
Chicago and Alton	4,350	4,267

General Live Stock Situation

Special Letter to The National Provisioner from the Mallory Commission Co.

HOGS.—Receipts of hogs are lighter in all of the principle markets, with the exception of Kansas City where the drought

has taken a greater hold than anywhere else. This condition is forcing a great many pigs and unmatured hogs to market, but the weight is not there, as fully 50 per cent. of the receipts under such conditions are nothing but pigs. The quality of the hogs in other markets is fair for this season of the year, but as usual there is a much larger percentage of brood sows and common hogs generally. The shipping demand for hogs continues good, and choice smooth hogs of all weights are in good demand, medium and heavy weight hogs selling at a good premium. The range in prices has widened and the packing grades in Chicago are selling at 5.60@5.90, while good to choice hogs are selling at 5.90@6.20. The provision market has had a good break, and in all probability is now in much stronger hands; and with the corn market advancing and the prospect for moderate receipts of good hogs during the summer, together with a good demand for the product, we can see nothing discouraging in the situation and would not be surprised to see hogs and provisions sell still higher. But we also believe present prices are good, and with any general liquidation we may have a temporary decline in the near future, which will mean better prices for the deferred months.

CATTLE.—The cattle situation is in much the same condition as hogs, a great many common and unmatured cattle being forced on the market on account of the dry weather. Strictly choice, well matured cattle are in good demand, but prices for nearly all grades of fat cattle show a decline of from 15@50c. compared with the best time this season. Stock cattle of all kinds have suffered more than anything else on account of the increased supply and a let-up in the demand. We believe prices are nearing a point where it will pay people who have proper facilities and feed to take hold.

SHEEP.—At last after months of patient waiting the sheep and lamb market has awakened from its lethargy, and buyers have demonstrated once more that they are awake and were in sharp competition with each other during the week for all kinds of sheep and lambs. It was certainly quite a relief to the selling interests that have been hammered so hard during the past six months, and we certainly hope that the packers will realize that a happy medium should be maintained for the good of the entire trade. Fed lambs sold up to 5c. during the week, but as they are practically all marketed we will have to depend entirely upon the range lambs and native spring lambs for the balance of the summer and fall season. A few strictly choice Idaho lambs were sold at 5.65 during the week; some grass wethers, at 3.60@3.75, and yearlings at 3.75@4.00. These prices are not very high, but in our judgment are nearer their value than at any other time this season. We look for moderate receipts of western grass stuff for the next week or so, but more liberal receipts later. The ranges are in good condition and unless they change materially sheep owners will not be forced to liquidate on account of lack of feed. We therefore advise all of our friends who indulge in eating meat to keep their eyes on mutton and lamb markets, as it is still lower than any other commodity in the shape of meat.

Provision Letter
(Special Letter to The National Provisioner from A. C. Lazerus & Co.)

Chicago, July 10.
Gentlemen:—We quote to-day's market as follows:

GREEN HAMS.—10 to 12 lbs. aver., 10½c.; 12 to 14 lbs. aver., 10 to 10½c.; 14 to 16 lbs. aver., 9½c.; 18 to 20 lbs. aver., 9¾c.

GREEN CLEAR BELLIES.—8 to 10 lbs. aver., 10½c.; 9 to 11 lbs. aver., 10c.; 10 to 12 lbs. aver., 9¾c.

GREEN PICNICS.—5 to 6 lbs. aver., 7½c.; 6 to 8 lbs. aver., 7½c.; 8 to 10 lbs. aver., 7½c.

GREEN NEW YORK SHOULDERs.—10 to 12 lbs. aver., 7½c.; 12 to 14 lbs. aver., 7½c.

GREEN SKINNED HAMS.—18 to 20 lbs. aver., 10¾c.

NO. 1 S. P. HAMS.—10 to 12 lbs. aver., 10¾c.; 12 to 14 lbs. aver., 10½c.; 14 to 16 lbs. aver., 10c.; 16 to 18 lbs. aver., 10c.; 18 to 20 lbs. aver., 10c.

NO. 1 S. P. SKINNED HAMS.—18 to 20 lbs. aver., 11c.; 22 to 24 lbs. aver., 10½c.; 24 to 26 lbs. aver., 10¾c.

NO. 2 S. P. HAMS.—10 to 12 lbs. aver., 9½c.; 12 to 14 lbs. aver., 9¾c.; 14 to 16 lbs. aver., 9½c.

NO. 1 S. P. PICNICS.—5 to 6 lbs. aver., 7½c.; 6 to 7 lbs. aver., 7½c.; 6 to 8 lbs. aver., 7½ to 7¾c.; 8 to 10 lbs. aver., 7½c.; 10 to 12 lbs. aver., 7½c.

S. P. NEW YORK SHOULDERs.—10 to 12 lbs. aver., 7½c.; 12 to 14 lbs. aver., 7½c.

S. P. CLEAR BELLIES.—8 to 10 lbs. aver., 10c.; 9 to 11 lbs. aver., 9¾c.; 10 to 12 lbs. aver., 9¾c.; 12 to 14 lbs. aver., 9¾c.

COOPERAGE

Steady at 82½@90c for pork barrels and \$1.02½@1.05 for lard tierces.

WHOLESALE GROCERY MARKET

The business of the last week in the wholesale grocery line was of the seasonable sort. The volume of sales was not more than fair, though it was somewhat in excess of the corresponding week of last year. The general tone of the market for most staples was steady.

THE HIDE SITUATION

The hide situation from a packer's viewpoint is a particularly strong one at this time. Prices are ruling high and old stocks are completely cleared up. There is nothing on hand except June and July stock and for this there is a strong demand at prevailing prices. There are no indications of a break in the favorable market and the only thing which may have an adverse effect is a possible stringency in the money market, which would cause the tanners to be embarrassed for necessary funds. From the present outlook, however, even this seems not probable and the packers are not seriously taking it into consideration.

SALT GETTING TOGETHER

The salt "combine" is still combining, and when all the controlling interests are in, up will go the price of salt to every one. The little fellows will have to pay more than the big ones because they neither buy in such large quantities nor are they such a menace to the consolidated interests as are the bigger houses.

FOR SALE OR LEASE.

The property of the Mound City Packing & Cold Storage Co., at St. Louis, Mo. Fully equipped with all necessary appliances and machinery ready for business.

For particulars, write to

LORENZO E. ANDERSON.
Care of Mercantile Trust Company.
ST. LOUIS, MO.

MARKET REVIEW

Hog products continue to be governed almost wholly by local and professional influences, with only a fair trade. Hogs plentiful and good in quality. Provisions have resumed their bullish tone after the few days of declining tendency they have recently shown.

VEGETARIAN SUBSTITUTES

Vegetarians have been attending the annual congress of their Federal Union at the Memorial Hall, Farringdon street, London, and hoping fervently for the reclamation of the carnivorous millions outside.

In accordance with the custom at these annual gatherings, there was an exhibition of preparations from which every vestige of the hateful meat was rigorously excluded, and the popular light luncheon was the rolicking lentil sandwich, with hop ale "on the side."

A hardened unbeliever who visited the exhibition was a little astonished to discover at one of the stalls a plate of what looked like cutlets. It was reassuring, however, to learn that they were absolutely innocent of meat, and that, like the rissoles on another dish, they might be eaten without a blush by the truest disciple of the turnip.

Nut foods, moulded to counterfeit the shameless sausage; countless extracts and preparations warranted to impart more bone, brain, blood and muscle than an entire herd of prize cattle, and innumerable tabloids, powders, syrups, desiccated foods, breads, oils, biscuits and soups, all suggestively named and attractively put up, were on show for the delectation of the faithful and the conversion of those who wander in the darkness of unbelief.

STURTEVANT'S NEW PLANT

The new plant of the B. F. Sturtevant Company, at Hyde Park, Mass., sketch plans for which are now well under way, will probably provide about eight acres of floor space, full double that existing in the old plant at Jamaica Plain. Nearly one-third of this area will be devoted to the manufacture of engines, motors and generating sets. The recent growth of this department has been almost phenomenal and it is in this field—particularly in the application of Sturtevant motors to Sturtevant fans—that the most rapid growth is expected in the immediate future. The entire plant will be equipped with Sturtevant generating sets and motors for direct driving of line shafts and of large individual machines.

Massachusetts Cattle Inspectors

The Massachusetts cattle commission has issued a circular containing a list of men residing in Vermont who are eligible to test cattle coming into Massachusetts under permits from the commission. These appointments are made only after thorough inquiry as to the fitness of the applicants.

SI—ONE DOLLAR

Send us \$1, and we will send to you one copy of Redwood's Theoretical and Practical Ammonia Refrigerator. 146 pages, cloth bound.

THE NATIONAL PROVISIONER
150 Nassau St., New York

THE MARKETS

CHICAGO
Chicago Provision Market and Range of Prices

SATURDAY, JULY 6.
Open. High. Low. Close.

PORK—(Per barrel)—
July 13.90 14.10 13.87½ 14.00
September 14.10 14.37½ 14.10 14.30
October 14.17½ 14.33 14.15 14.30
January 14.15 14.30 14.15 14.30

LARD—(Per 100 lbs.)—
July 8.52½ 8.57½ 8.52½ 8.57
September 8.60 8.65 8.60 8.65
October 8.60 8.62½ 8.60 8.62½
January 8.10 8.12½ 8.07½ 8.12½

RIBS—(Boxed 25c, more than loose)—
July 7.87½ 7.95 7.85 7.92½
September 7.97½ 8.05 7.95 8.02½
October 7.90 7.95 7.90 7.95
January 7.32½ 7.37½ 7.32½ 7.37½

MONDAY, JULY 8.
PORK—(Per barrel)—
July 13.97½ 14.00 13.70 13.70
September 14.30 14.30 14.00 14.00
October 14.25 14.25 14.07½ 13.97½
January 14.25 14.25 14.00 14.00

LARD—(Per 100 lbs.)—
July 8.57½ 8.57½ 8.50 8.50
September 8.60 8.65 8.57½ 8.57½
October 8.57½ 8.62½ 8.55 8.55
January 8.12½ 8.12½ 8.10 8.10

RIBS—(Boxed 25c, more than loose)—
July 7.90 7.90 7.85 7.85
September 8.02½ 8.02½ 7.95 7.95
October 7.95 7.95 7.87½ 7.87½
January 7.35 7.35 7.35 7.35

TUESDAY, JULY 9.
PORK—(Per barrel)—
July 13.60 13.75 13.60 13.70
September 13.90 13.95 13.87½ 13.90
January 13.90 13.95 13.87½ 13.90

LARD—(Per 100 lbs.)—
July 8.55 8.55 8.57½ 8.47½
September 8.57½ 8.60 8.50 8.52½
October 8.57½ 8.57½ 8.47½ 8.50
January 8.15 8.20 8.15 8.17½

RIBS—(Boxed 25c, more than loose)—
July 7.87½ 7.90 7.85 7.85
September 7.92½ 7.95 7.87½ 7.90
October 7.85 7.87½ 7.82½ 7.82½
January 7.40 7.40 7.32½ 7.37½

WEDNESDAY, JULY 10.
PORK—(Per barrel)—
July 14.00 14.42½ 14.00 14.20
September 14.00 14.42½ 14.00 14.00

LARD—(Per 100 lbs.)—
July 8.60 8.62½ 8.57½ 8.60
September 8.65 8.70 8.65 8.67½
October 8.62½ 8.67½ 8.62½ 8.65

RIBS—(Boxed 25c, more than loose)—
July 7.95 7.95 7.97½ 7.97½
September 7.92½ 8.05 7.92½ 8.05
October 7.90 8.02½ 7.90 8.00

THURSDAY, JULY 11.
PORK—(Per barrel)—
September 14.62½ 14.62½ 14.37½ 14.45

LARD—(Per 100 lbs.)—
September 8.72½ 8.72½ 8.67½ 8.67½
October 8.72½ 8.72½ 8.65 8.65

RIBS—(Boxed 25c, more than loose)—
September 8.07½ 8.10 8.02½ 8.02½
October 8.05 8.05 7.97½ 7.97½

FRIDAY, JULY 12.
PORK—(Per barrel)—
September 14.55 14.60 14.42½ 14.52½

LARD—(Per 100 lbs.)—
September 8.75 8.72½ 8.70 8.75
October 8.72½ 8.75 8.70 8.72½

RIBS—(Boxed 25c, more than loose)—
September 8.07½ 8.10 8.02½ 8.10
October 8.00 8.07½ 7.97½ 8.05

RECEIPTS AT CENTERS

JULY 6.
Cattle. Hogs. Sheep.

Chicago 300 7,000 1,500
Kansas City 600 8,000
Omaha 200 5,500 500
St. Louis 200 1,500 ...

JULY 8.
Chicago 22,000 28,000 20,000
Kansas City 9,000 7,000 1,000
Omaha 1,000 2,500 3,000
St. Louis 5,500 4,000 1,200

JULY 9.
Chicago 3,000 13,000 12,000
Kansas City 15,000 28,000 5,000
Omaha 3,500 7,500 2,500
St. Louis 5,500 7,500 2,000

JULY 10.
Chicago 17,000 23,000 15,000
Kansas City 12,000 20,000 3,000
Omaha 3,000 6,000 1,000
St. Louis 4,000 5,000 1,000

JULY 11.
Chicago 8,500 18,000 10,000
Kansas City 11,000 23,000 4,000
Omaha 2,500 6,500 1,500
St. Louis 5,000 6,000 1,500

JULY 12.
Chicago 2,000 12,000 5,000
Kansas City 5,000 24,000 2,000
South Omaha 3,000 10,000 2,000
St. Louis 2,500 6,500 2,000

CORNED, BOILED AND ROAST BEEF.

1 lb., 2 doz. to case.....	Per doz. \$1.40
2 lbs., 1 or 2 doz. to case.....	2.55
4 lbs., 1 doz. to case.....	5.05
6 lbs., 1 doz. to case.....	8.50
14 lbs., ½ doz. to case.....	19.50

BEST TABLE SOUPS

Ox tail, 2 lbs., 1 or 2 doz.....	Per doz. \$1.85
Ox tail, 6 lbs., 1 doz.....	5.25
Kidney, 2 lbs., 1 or 2 doz.....	2.15
Mooch turtle, 2 lbs., 1 or 2 doz.....	1.85
Mulligatawny, 2 lbs., 1 or 2 doz.....	1.85
Chicken, 2 lbs., 1 or 2 doz.....	1.85
Beef soup, 2 lbs., 1 or 2 doz.....	1.85
Soup Bouilli, 2 lbs., 1 or 2 doz.....	1.85
Soup Bouilli, 6 lbs., 1 doz.....	4.75
Consimone, 2 lbs., 1 or 2 doz.....	1.85
Julienne, 2 lbs., 1 or 2 doz.....	1.85

EXTRACT OF BEEF.

Solid.....	Per doz. \$2.25
1 oz. jars, one dozen in box.....	3.55
2 oz. jars, one dozen in box.....	6.50
4 oz. jars, one dozen in box.....	11.60
8 oz. jars, half-dozen in box.....	22.00
6 oz. jars, half-dozen in box.....	\$1.75 per lb.
Two, 5 and 10 lb. tins.....	

Fluids

2 oz. bottles, 1 doz. in box.....	Superior \$3.00	Clarified \$3.10
4 oz. bottles, 1 doz. in box.....	4.20	4.50
8 oz. bottles, 1 doz. in box.....	7.50	8.00
16 oz. bottles, 16 doz. in box.....	12.75	13.50
Two, 5 and 10 lb. tins per lb.....	.00	1.00

BARREL BEEF.

Extra plate beef.....	\$10.00
Plate beef.....	9.50
Extra mess beef.....	9.50
Prime mess beef.....	10.00
Beef hams.....	19.50

DRIED BEEF PACKED.

Ham sets.....	14%
Insides.....	14
Outsides.....	12
Knuckles.....	14%
Reg. clods.....	11

2 oz. bottles, 1 doz. in box.....	12-14 av. a 11½
16 oz. bottles, 16 doz. in box.....	18-18 av. a 12
Breakfast bacon.....	6-8 av. a 9

SMOKED MEATS, PACKED.

A. C. hams.....	12-14 av. a 11½
Skinned hams.....	18-18 av. a 12
Shoulders.....	8-8 av. a 8½
Picnics.....	6-8 av. a 9

Breakfast bacon.....	6-8 av. a 9
Leaf lard.....	8½ a 8½
Skinned shoulders.....	7 a 7

PACKERS' SUNDRIES

California butts.....	7 a 7½
Hocks.....	4 a 4½
Dry salt spare ribs.....	2½ a 3

Port Tenderloins.....	11 a 12½
Pork Joints.....	7½ a 8½
Spare ribs.....	4 a 4½
Trimmings.....	6½ a 7
Boston butts.....	6½ a 7
Cheek meat.....	4 a 4½

Leaf lard.....	4 a 4½
Skinned shoulders.....	8½ a 8½

BUTTERINE

F. o. b. Chicago, packed in tubs, 25 lbs. and over—	
Good.....	9½
Special.....	11
Extra.....	12
Fancy creamery.....	13
Extra fancy creamery.....	14

For all packages less than 25 lbs., ½¢ per lb. additional.

CURING MATERIALS

Refined salt peter.....	4½ a 5
Boraxide acid, crystal to powdered.....	10½ a 11½
Borax.....	7½ a 8

Sugar—	
Pure open kettle.....	4 a 4½
White clarified.....	4½ a 4½
Plantation granulated.....	5½ a 5½

Salt—	
Asht, in bags, 224 lbs.....	8.15
Esh, packing, in bags, 224 lbs.....	1.45
Michigan medium, carlots, per ton.....	4.50
Michigan gran., carlots, per ton.....	4.00
Casing salt in bbls., 280 lbs., 2X and 3X.....	1.20

SAUSAGE CASINGS

Beef round, set of 100 ft.....	n 9
Beef middles, set of 57 ft.....	n 45
Hog bungs, each.....	n 10
Hog casings, per lb., free of salt.....	n 38
Hog bungs.....	n 8½

Medium, each.....	n 4½
Small, each.....	n 1½
Sheep casings, per lb.....	n 50

COTTONSEED OIL.

P. S. Y. in tanks.....	37 a 38
P. S. Y. in barrels.....	42 a 42
*Butter oil in barrels.....	42 a 42
Crude in tanks.....	a 5

*Butter oil quoted according to qual.

SALTPETRE

Crude.....	3½	3½
Refined—Granulated.....	4½	4½
Crystals.....	4½	4½
Powdered.....	4½	5

THE GLUE MARKET

A extra.....	21
I extra.....	17
I.....	16
IX moulding.....	15
IX.....	14½
IX½.....	14
IX¾.....	13
IX½.....	12
IX¾.....	11
IX½.....	10
IX¾.....	9
2.....	8

THE FERTILIZER MARKET

BASIS NEW YORK DELIVERY.

Bone meal, steamed, per ton.....	\$18.50	a 19.00
Bone meal, raw, per ton.....	22.00	a 23.50
Nitrate of soda, spot.....	1.82½	a 1.87½
Bone black, spent, per ton.....	13.50	a 13.75
Dried blood, New York, 12-13 per cent. ammonia.....	2.30	a 2.35
Dried blood, West., high grade, fine ground.....	2.30	a 2.35
Tankage, 9 and 20 p. c., f. o. b., Chicago.....	19.00	a 19.50
Tankage, 8 and 20 p. c., f. o. b., Chicago.....	15.00	a 16.50
Tankage, 7 and 30 p. c., f. o. b., Chicago.....	14.50	a 15.50
Tankage, 6 and 35 p. c., f. o. b., Chicago.....	13.50	a 14.00
Garbage Tankage, f. o. b., New York.....	7.00	a 7.50
Fish scrap, dried, 11 p. c. am- monia, per ton.....	24.00	a 25.00
Wet, acidified, 6 p. c. ammonia, per ton.....	13.00	a 13.50
Asotine, per unit, del. N. York.....	2.35	a 2.40
Sulphate ammonia, gas, for shipment, per 100 lbs.....	2.70	a 2.75
Sulphate ammonia, gas, per 100 lbs., spot.....	a 2.75	
Sulphate ammonia, bone, per 100 lbs.....	2.65	a 2.70
South Carolina phosphate rock, ground, per 2,000 lbs., f. o. b., Charleston.....	6.50	a 7.75
South Carolina phosphate rock, undried, f. o. b., Ashley River, per 2,400 lbs.....	3.90	a 4.00
The same, dried.....	4.25	a 4.50

POTASHES, ACCORDING TO QUANTITY.

Kainit, shipment, per 2,240 lbs.....	8.95	a 9.50
Kainit, ex-store, in bulk.....	9.60	a 10.65
Kieserit, future shipments.....	7.00	a 7.25
Muriate potash, 80 p. c., future shipment.....	1.83	a 1.90
Muriate potash, 80 per cent., ex- store.....	1.88	a 1.95
Double manure salt (48 a 40 per cent. less than 2½ per cent. chloride), to arrive, per lb. (basis 48 per cent.).....	1.04	a 1.12
Sulphate potash, to arrive (basis 90 per cent.).....	2.05½	a 2.10%
Sylvinit, 24 a 36 per cent. per unit, S. P.....	30	a 40

LARDS

Pure r'fd lard for Europe.....	9.00
Pure r'fd lard for So. America.....	9.60
Pure r'fd lard for Brazil, kegs.....	10.70
Compounds, domestic.....	6.87½
Prime city.....	8.25

HOG MARKET IN LEADING CITIES.

CHICAGO.—Active; 5.80@6.30.
ST. LOUIS.—Firm; 5.85@6.30.
OMAHA—Firm; 5.85@6.00.
EAST BUFFALO—15 cars on sale; 6.40@ 6.45.
CLEVELAND.—Steady; 6.20@6.30.
INDIANAPOLIS.—Active; 5.95@6.15
CINCINNATI.—Strong; 5.30@6.17½.

OCEAN FREIGHT

	Liverpool.	Glasgow.	Hamburg.
Per Ton.	Per Ton.	Per Ton.	Per Ton.
Canned meats.....	6/3	15	16
Oil cake.....	5/6	7	13
Bacon.....	6/3	15	16
Lard, tierces.....	6/3	15	16
Cheese.....	15/	30	22 M
Butter.....	20/	30	22
Tallow.....	6/3	15	16
Beef, per three.....	1/3	3/	16
Pork, per bbl.....	1/	2/	16

Direct port United Kingdom or Continent, large steamers, berth terms, @2/6½ Cork for orders, July, @2/6.

BALTIMORE FERTILIZER MARKET

(Special Letter to the National Provisioner from T. H. White & Co.)

Market for ammonites the past week had been fairly active; the demand in the east continues good. Prices are firm at last quotations.

OLEO AND NEUTRAL LARD

Both this week and last week make a new record in the Rotterdam market, the business in oleo oil in the entire fortnight being almost nothing. Butterine business in Europe is carried on at present at a loss, and the butterine manufacturers, hence, not anxious to lay in supplies of either oleo oil or neutral lard at the prices as yet at present.

The stocks of oleo oil are accumulating in Europe, and it is rather doubtful what the future will have in store; the business at present, both in neutral lard and oleo oil, being next to nothing and smaller than has been known in any fortnight during the history of this business.

LIVERPOOL MARKETS

Liverpool, July 12—Closing.—Beef firm; extra India mess, 68s. 9d. Pork firm; prime mess western, 67s. Lard firm; prime western in tierces, 43s. 6d.; American refined in pails, 43s. 6d. Hams—Short cut, 14 to 16 lbs., firm, 50s. Bacon firm; Cumberland cut, 26 to 30 lbs., 44s.; short ribs, 16 to 24 lbs., 50s.; long clear middles light, 28 to 34 lbs., 46s. 6d.; long clear middles heavy, 35 to 40 lbs., 45s.; short clear backs, 16 to 20 lbs., 44s.; clear bellies, 14 to 16 lbs., 50s. Shoulders—Square, 11 to 13 lbs., firm, 38s. 3d. Butter firm; finest United States, 90s.; good United States, 73s. Cheese firm; American finest white, 45s.; American finest colored, 46s. Tallow firm; prime city, 25s. 6d.; Australian in London, 27s. Cottonseed oil—Hull refined; spot steady, 23s. 6d. Turpentine—Spirits steady, 27s. 6d. Rosin—Common dull, 4s. 1½d. Petroleum—Refined steady, 6¾d. Linseed oil steady, 34s.

LIVE STOCK CONDITIONS

(Continued from page 18)

The movement from the range to market will commence earlier than usual on both cattle and sheep and a heavy run of sheep and an average run of cattle are expected.

Cattlemen expect to market a larger per cent. of their cattle as beef than usual, owing to the good feed that has prevailed in nearly all sections. Owing to the general favorable conditions of the beef market, range prices are holding steady and cattlemen are looking for steady prices in the fall at about an average with last year.

The strong demand on the Pacific coast for all kinds of stock has diverted many cattle in that direction that usually come east. The movement in this direction will continue this fall and is caused by the increased home and Asiatic demand for meats. This is particularly true of Nevada, Utah, Idaho, Arizona and western Wyoming. Quite a number of Montana cattle, mostly fat stuff, have also gone west instead of east, to market, and more will go in the fall. The movement of horses is unusually large owing to the

generally remunerative prices prevailing in the east, and the ranges are being cleaned up of many bands which only a few years ago were considered worthless and a nuisance.

The situation in the corn states of the Mississippi and Missouri valleys is too uncertain at this time to enable a prediction as to the feeder demand in the fall. According to reports received at this office, the number of cattle on summer feed is very much lighter than usual and the markets will be compelled to depend to a certain extent upon grass cattle. There is an unusual number of cattle on pasture in Kansas and Nebraska and grass conditions are reported to be very good in most sections, although the late warm wave has threatened the situation somewhat.

A feature of the western range situation has been the large demand for pure bred and high grade bulls and rams. This demand seems to be satisfactorily increasing, and as the western range man usually desires this class of animals in carload lots and prefers them already acclimated, it may be said that the demand is coming principally from ranchmen who are putting in pure bred herds for the purpose of breeding the stock needed on the ranch. This accounts for the unusual demand for female stock. The western range breeder realizes thoroughly now that he must breed a first-class grade of beef cattle and mutton in order to compete with the small ranchman, and plans are being made to accommodate this demand on a liberal scale.

The outlook for the live stock business on the whole is good. While much depends upon the growing crops of corn and hay, stockmen are not looking for any advance in stockers and feeders, but they do anticipate a steady market at about last year's figures. Should the corn crop be unusually large these prices will be much firmer, but should it fall short they will expect to take something off the present prices.

C. F. MARTIN,
Secretary.

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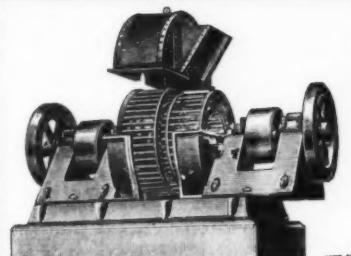
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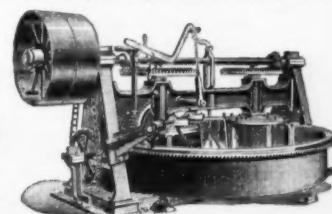
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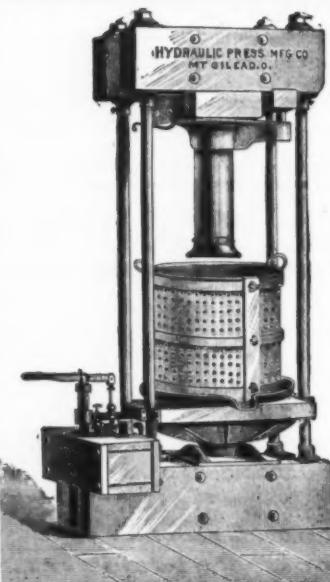
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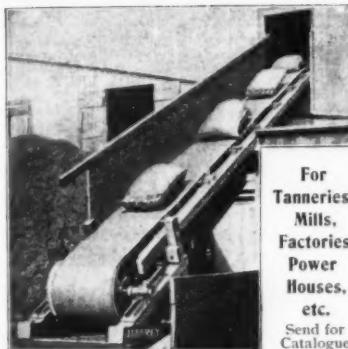
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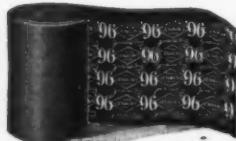
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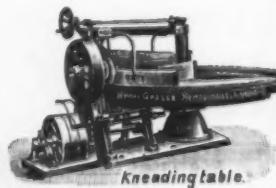
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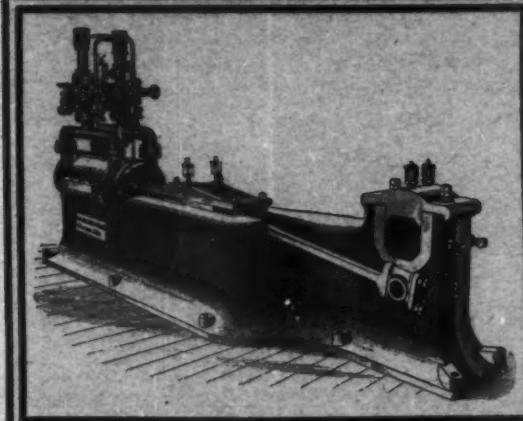
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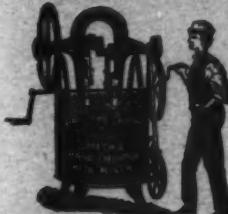
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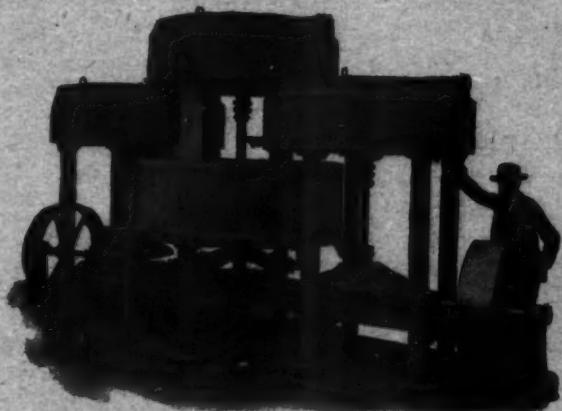
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